NEW YORK TRACON DEMONSTRATION OF PROGRAM RECODING REQUIREMENTS ANALYSIS DOCUMENT(U) DATA TRANSFORMATION CORP SILVER SPRING MD AUG 87 DOT/FAA/CT-87/34 DIFAG3-85-C-0058 F/G 12/5 AD-A189 862 1/3 UNCLASSIFIED NL



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 A



DOT/FAA/CT-87/34

FAA Technical Center
Atlantic City International Airport

Atlantic City International Airport N.J. 08405

AD-A189 862

New York TRACON
Demonstration of Program
Recoding Requirements
Analysis Document

Data Transformation Corporation 8121 Georgia Avenue Silver Spring, Maryland 20910

August 1987

**Final Report** 

This document is available to the U.S. public through the National Technical Information Service, Springfield, Virginia 22161.



U.S. Department of Transportation

Redenal Autotion Administration



DISTRIBUTION STATEMENT A

Approved for public release; Distribution Unlimited

0

#### NOTICE

This document is disseminated under the sponsorship of the Department of Transportation in the interest of information exchange. The United States Government assumes no liability for the contents or use thereof.

The United States Government does not endorse products or manufacturers. Trade or manufacturer's names appear herein solely because they are considered essential to the object of this report.

#### Technical Report Documentation Page

1. Report No.			
•	AD-A189	3. Recipient's Carales No.	
DOT/FAA/CT-87/34	_	3. Report Date	
4. Title and Subtitle		1	
	stration of Program Recoding	August 1987  6. Performing Organization C	
Requirements Analysis	Document	ACT-101	<b>500</b>
		8. Performing Organization R.	No
. Author's)		S. Pertarming Organization in	open No.
Data Transformation C	ornoration	DOT/FAA/CT-87/34	
Performing Organization Name		10. Work Unit No. (TRAIS)	
Federal Aviation Admi	niatration		
rederal Aviation Admi Technical Center	nistration	11. Contract or Grant No.	
- · - · · · · - ·	tional Airport, N.J. 08405	DTFA 03-85-C-0058	(16)
		13. Type of Report and Perio	d Covered
2. Spansaring Agency Name and	Address		
Department of Transpo			
Federal Aviation Admi		Final Report	
ATC Automation Divisi		14. Spensoring Agency Cede	
Vashington, D.C. 2059  Jack Supplementary Metes	1	APM-200	
This document i	s an intermediate deli convert portions of the written in ULTRA to a	e current New York (1	1.Y.)
This document i objective was to TRACON software language. A comhigher order lamain parts: demonstration pr A5.04; (2) a architecture, in (3) a descriptio operational soft the current syst	convert portions of the written in ULTRA to a bination of ADA/PDL Inguage was chosen. The (1) a detailed analyoject software require	e current New York (higher order transport eading to PASCAL as document consists of sis of the N.Y. The ments for software ver he demonstration syrent N.Y. TRACON hards the demonstration sy (4) a data dictionar document led to the	V.Y.) cable s the four cACON rstem vare; rstem cy of
This document is objective was to TRACON software language. A combigher order lamain parts: demonstration pr A5.04; (2) a architecture, in (3) a description operational soft the current syst	convert portions of the written in ULTRA to a bination of ADA/PDL Inguage was chosen. The (1) a detailed analyoject software required description of the contrast with the curn and rationale for ware architecture; and em. The output of this he actual writing of the Information of	e current New York (higher order transport eading to PASCAL as document consists of sis of the N.Y. The ments for software ver he demonstration syrent N.Y. TRACON hards the demonstration sy (4) a data dictionar document led to the	e U.S.
This document i objective was to TRACON software language. A comhigher order la main parts: demonstration pr A5.04; (2) a architecture, in (3) a descriptio operational soft the current syst step which was to the current syst s	convert portions of the written in ULTRA to a bination of ADA/PDL Inguage was chosen. The (1) a detailed analyoject software require description of tocontrast with the curn and rationale for ware architecture; and em. The output of this he actual writing of the Information of the Information of the Information of the Information of the Informatical Infor	e current New York (higher order transport eading to PASCAL as document consists of sis of the N.Y. The ments for software ver he demonstration syrent N.Y. TRACON hardwithe demonstration sy (4) a data dictional document led to the e new software.	e U.S.
This document i objective was to TRACON software language. A comhigher order la main parts: demonstration pr A5.04; (2) a architecture, in (3) a descriptio operational soft the current syst step which was to 7. Key Words  New York TRACON ARTS IIIA	convert portions of the written in ULTRA to a bination of ADA/PDL Inguage was chosen. The (1) a detailed analyoject software require description of tocontrast with the curn and rationale for ware architecture; and em. The output of this he actual writing of the Information of the Information of the Information of the Information of the Informatical Infor	e current New York (higher order transport eading to PASCAL as document consists of sis of the N.Y. The ments for software ver he demonstration syrent N.Y. TRACON hardwithe demonstration sy (4) a data dictional document led to the e new software.	e U.S. nical , Va. 2216

Form DOT F 1700.7 (8-72)

Reproduction of completed page authorised

#### Preface

ĺ

The New York TRACON Demonstration Requirements Analysis is on library TCDRA002.DEV.SCRIPT; the outline is called OUTLINE.

The first revision is January 14, 1987. The following changes are reflected:

- Retrack passes all interfacility messages (both input and output) to the interfacility task. The filtering of messages to process and matching of TCIDs for AM and CX messages will be performed within the interfacility task.
- Retrack will fabricate Start Track messages when processing Tracking Data
  messages that contain a valid ACID and none is stored for that track.
  This will allow the demonstration system to display full data blocks for
  tracks where the interfacility flight plan data was not replayed from the
  CDR file (because it was on the previous file).
- In CDR conversion, octal digits that will be preserved (message codes and beacon codes) will be translated to EBCDIC, for ease of use by TRACON programs. An octal to real conversion was also added. The CDR conversion rationale and package was added to the architecture section.
- The following keyboard commands are also not being recoded: ATIS, altitude filter limits, and relocating tabular lists.
- The CDR Editor will run under VM.

The second revision is May 29, 1987. The following changes are reflected:

- PSRAP sends the input sector time and target report messages to CDR extraction.
- Retrack initiates processing using either the Data Buffer Header record or the CDR Initialization record is read, whichever occurs first.
- Retrack fabricates a flight data entry keyboard entry based on the information in the Tracking Data message.
- Retrack passes interfacility FP messages to the interfacility task when—
  the matching DA is encountered. Subsequent AM and CX messages for these
  flights are also sent to interfacility. All other interfacility messages
  are discarded and are not placed on the CDR File.
- The software architecture has been updated to reflect the system implementation in the following areas:



Availability Codes

Availability Codes

Avail and/or

Special

i

- •• Send and Receive interface
- •• Monitor Packages
- Load Modules
- Subtask Communication
- •• Primary Storage Management
- •• Software Clock Management

# Index

. 0	Introduction and Scope	3
2.0	Applicable Documents	4
5.0	Software Requirements	5
5.1	ICD En Route CCC/NY TRACON	9
3.2	System Description and Specification Series	12
3.3	Multiprocessor Executive	23
5.4	Retrack	35
3.5	SRAP Processing	50
3.6	Target Processing (Tracking) and ISL (Inter-sensor Linker)	53
3.7	Keyboard Processing	61
8.8	Display Output Processing	83
5.9	Interfacility Data Transfer	07
3.10	Bulk Store Flight Plans	12
	Non-Executive Error, Status and Input Messages	13
3.12	Site Adaptation	14
3.13	MSAW and Altitude Tracking	20
1.14	Non-Executive Console Teletype Input Processing & On-Call Tasks	21
3.15	Builder/BUP & CDR Editor	22
3.16	Recovery	26
3.17	Continuous Data Recording Processing	27
5.18	Remote Display Processing	31
3.19	Support Software	32
3.20	Conflict Alert Adaptation Standards & Guidelines,	35
3.21	CDR Tape Conversion (from Sperry to IBM Format)	36
. 0	System Architecture	39

5.0	Software Architecture	142
5.1	Operational Software Architecture Description and Rationale	142
5.2	Operational Software Architecture Definitions and Rules	150
	W. A. TRICON AS AS D. D. M. D.	170

#### EXECUTIVE SUMMARY

This document is an intermediate deliverable in a project whose objective was to convert partions of the current New York (N.Y.) TRACON software written in ULTRA to a higher order transportable language. A combination of ADA/PDL leading to PASCAL as the higher order language was chosen. The document consists of four main parts: (1) a detailed analysis of the N.Y. TRACON demonstration project software requirements for software version A5.04; (2) a description of the demonstration system architecture, in contrast with the current N.Y. TRACON hardware; (3) a description and rationale for the demonstration system operational software architecture; and (4) a data dictionary of the current system. The output of this document led to the next step which was the actual writing of the new software.

#### 1.0 Introduction and Scope

This document consists of four parts: a detailed analysis of the New York TRACON demonstration software requirements, based on the ARTS IIIA computer program functional specifications (NAS MDs) for version A5.04; a description of the demonstration system architecture, in contrast with the current New York TRACON system architecture; a description and rationale for the demonstration system operational software architecture and the formal definitions and rules for the proposed architecture; and an appendix containing a data dictionary of the current system.

The bulk of the document contains the software requirements. They are organized by NAS MD. Each section contains an introductory paragraph, the analysis by NAS MD subsection, and a discussion of additional capabilities, if there are any. If a subsection contains a functional capability that is being converted from ULTRA to Pascal/VS, it is identified under the heading "Recoded" with a "Yes"; if the function is not a software function, or is being replaced by commercial software, or is not being considered for the demonstration, or contains administrative information only, and so on, it is identified under the "Recoded" heading with a "No." In either case, the rationale is included. Concluding the software requirements section is a section describing our approach to converting the CDR input file from Sperry-UNIVAC format to IBM S/370 format.

# 2.0 Applicable Documents

The following documents were used during requirements analysis: the NY TRACON Computer Program Functional Specifications (CPF5), contained in a series of nineteen volumes, the Retrack User's Guide, User's Manual for ATC Support Software (NASP-3202-01), and three volumes of the NY TRACON Coding Specifications.

The CPFS documents in the series are the following:

NAS-MD	31717
631	NAS En Route Stage A ~ NY TRACON
634	System Description and Specified Series
635	Executive Control
636	Parallel SRAP Processing
637	Target Processing (Tracking) and ISL
638	Keyboard Input Processing
639	Display Output Processing
640	Interfacility Data Transfer
641	Bulk Store Flight Plan
642	CDT Non-Executive Error and Status Messages
643	Site Adaptation
644	MSAW and Altitude Tracking
645	Non-Executive Console Teletype Processing
	and On Call Tasks
646	Builder - BUP and CDR Editor
647	Recovery
648	Continuous Data Recording
649	Remote Display Processing
650	Support Software
650A	Support Software Ultra Assembler
650B	Support Software Librarian
650C	Support Software Loader
650D	Support Software Utilities
650E	Support Software CONIOP
651	Conflict Alert

4

#### 3.0 Software Requirements

This section outlines the major functions that will be developed for the New York TRACON demonstration. A detailed requirements analysis for each NAS-MD is included in the sections that follow.

#### Major Functions

The following functions are being implemented and will be traceable to the current New York TRACON code:

- Retrack
- Keyboard Operational Functions (for supported messages)
- PSRAP
- Tracking
- Data Base (for supported functions)
- CDR Editor
- Interfacility

The following functions are being implemented but are not traceable to the current New York TRACON code:

- Continuous Data Recording Extractor
- Executive Services Request Module (our implementation uses MVS/RTX and not MPE)
- Display Output (to work with the situation display)
- Test Tools (to support the build plan)
- SDL software (for custom panel support for New York TRACON)
- CDR tape conversion program (to convert the CDR tape to S/370 format and place it on a disk data set)

The following major functions are not being implemented in the New York TRACON demonstration:

Console Data Terminal Processing

- ETG and ETG scenario generator
- On-call programs
- Keyboard Input Processing (KIP)
- Advanced Tracking (conflict alert, altitude tracking, and MSAW)
- Interfacility (Responses and ARTCC Interface)

### In addition, the following functions are not being provided:

- alarm processing
- weather processing
- critical data recording and recovery processing
- bulk store FP processing
- dynamic altering of CDR categories
- consolidation of sectors
- SRAP performance monitoring
- SWABS processing
- the following multifunction keyboard commands
  - •• C Configuration
  - •• D Display
  - E = Emergency
  - •• G ~ BRATS
  - •• I Mag Tape/Disc FP
  - •• K ~ Reinitialize Display
  - •• 0 Auto Offset
  - •• Q MSAW (Display Inhibit)
  - •• R Memory Readout
  - •• V MSAW (Fnable/Digable)

- .. X SWAB3
- •• 1 CDR Extractor
- •• 2 Manual Reconf
- remote tower display processing
- handoff

#### Detailed Functions and Operational Concepts

The demonstration system will be run under MVS/RTX on an IBM S/370 architecture processor. The system will appear as an MVS/RTX batch job. There will be no inputs allowed during the run. There will be an interactive job (and an interactive terminal attached to that job) ready to be initiated to execute the CDR Editor at the completion of the run.

We will convert the FAA-provided CDR tape from 7-track to 9-track format at the Tech Center. Prior to executing the online system, the FAA-provided CDR tape (in 9-track format) will be converted to 5/370 format and stored in a disk data set (see section 3.21 for details on the conversion program) by an offline program.

An executive control program will be implemented, that uses MVS/RTX, to provide application services previously provided by the Multiprocessor Executive (MPE).

Control will pass to Retrack, which will drive the operational system. (See section 3.4 for the requirements analysis for Retrack.) The converted CDR data set will be read by Retrack. The Retrack program will be coded to process tracking data, keyboard data. Radar only Target reports, sector time, CDR termination, interfacility messages, target reports, and data buffer headers. Retrack will pass this input data to PSRAP, keyboard and interfacility for application processing.

The tracking programs will be recoded to provide a traceable functional equivalence with the current New York TRACON algorithms. These programs read the data provided by Retrack and perform tracking for multiple sensors, generating entries in the Central Track Store (CTS) and sending the appropriate data to the display output programs. (The demonstration will display data for only a single controller position.) (See section 3.6 for the requirements analysis for tracking.)

The keyboard operation functions (KOF) programs will be recoded to provide a traceable functional equivalence with the current New York TRACON implementation, for the supported commands. (See section 3.7 for the requirements analysis for keyboard.) These programs read the data provided by Retrack, process the messages, and send the required information to Tracking and Display for further processing.

The display output programs will be coded to support the situation display. The functions performed will be equivalent to the current functions, but, because of the difference in the display hardware interface, functional traceability will not be maintained. (See section 3.8 for the requirements analysis for display output.) The programs that support the remote displays will not be recoded.

The interfacility function will process FP. AM. and CX messages, so that an operational flight plan data base can be maintained. The remaining interfacility messages will not be processed. No interfacility output messages will be generated and the ARTCC interface will not be supported (see Section 3.9). However, the ARTCC Aircraft ID/TRACON Terminal Computer ID relationship will be maintained to process subsequent (AM and CX) messages. The interfacility input programs will pass its data to tracking.

The CDR extractor will be recoded to provide information for the CDR Editor. The points at which the extraction is performed will remain the same as the current NY TRACON system, for the functions recoded. However, the data formats will change to support the following interfaces:

- CDR extractor and PSRAP
- CDR extractor and tracking
- CDR extractor and keyboard
- CDR extractor and display
- CDR extractor and CDR editor

The CDR extractor will produce a data set which resides on an IBM 3380 disk data set. (See section 3.17 for the requirements analysis for CDR extraction.)

CDR Editor will be recoded to produce a listing that will verify the functional equivalence between the GFE system and the demonstration system, for the functions we are recoding in the operational program. The listing produced by the recoded CDR Editor will be identical to that produced by the current editor, for the functions that are supported in the operational recoding. (See section 3.15 for the requirements analysis for the CDR Editor.)

## 3.1 ICD En Route CCC/NY TRACON

This document (NAS-MD-631) describes the interface between the NAS En Route Stage A Central Computer Complex and the NY TRACON facility. Details of the hardware, software, and operational elements are provided.

1		
Sub-section	Title	Recoded
1.0	INTRODUCTION	No
	This section is administrative and one of the contraction of the contr	
1		
	Title	Recoded
	TRANSMISSION CHARACTERISTICS	Но
•	This section describes the ARTCC hardware interface and, as such, colono demonstrable functions.	
-		
Sub-section	Title	Recoded
3.0	REQUIREMENTS AND FUNCTIONAL CAPABILITIES	No
 	This section is administrative and a no demonstrable functions.	contains

Sub-section	Title	Recoded
3.1	Functions	No
	This section provides an over functions performed by the interface. Aside from this this section contains no dea functions.	operational information.

Sub-section	Title	Recoded
3.2	Model A3d2/NY TRACON Interface	No
	This section provides an overvi Model A3d2/NY TRACON Interface This section contains no demons functions.	
	/	

Sub-rection	Title	Recoded
4.9	MESSAGES	Yes
	The Collowing input message   Flight Plan (FP)   Amendment (AM)   Cancellation (CX)	es are supported:
	No other messages are suppo	orted.
	Refer to Section 3.9 of the the tationale.	is document for

JPERVISORY CONTROLS No
•
s not required to maintain an integral ystem.
nterfacility will always be enabled.
efer to Section 3.9 of this document for he rationale.

Title	Recoded
REFERENCES	No
   This section is administrat:   no demonstrable functions. 	ive and contains
	Title

## 3.2 System Description and Specification Series

This document (NAS-MD-634) contains the ARTS System Description, Program Organization and presents an overview of the NY TRACON Computer Program Functional Specifications (CPFS) series.

Sub-section	Title	Recoded
1.0	INTRODUCTION	No
	This section is administrative an   no demonstrable functions.	d contains
Sub-section	Title	Recoded
2.0	SYSTEM DESCRIPTION	Но
		ıbes
	Title	Recoded
2.1	System Organization	No
		of the

Sub-section	Title	Recoded
2.1.1	Data Processing Subsystem	No
	The IBM central processor and s   operating systems MVS and RTX o   the Data Processing system.	oftware comprise

Sub-section	Title	Recoded
2.1.2	Sensor Receiver and Processor	No
	This section describes the hardwall components of the SRAP. We are not the SRAP inputs he considered on the CDR input tape the by Retrack.	ot using ave been

Sub-section	Title	Recoded
2.1.3	Data Entry and Display Subsys	tem No
	This section describes the in   devices at the controller wor	•
	There will be no input capabi data entry sets, because all been recorded on the CDR tape processing.	inputs have
	The situation display will fu output device for controller	

Sub-section	Title	Recoded
2.1.4	Continuous Data Recording Suboys	
	Continuous Data Recording will b   on the IBM processor.	
	There will be no critical data r This function is not required by is not required to maintain an i system.	the FAA and

Sub-section	Title	Recodes
2.1.5	Remote Displays	Мо
 	<pre>{   This function is not requi   is not required to maintai   system.</pre>	

Sub-section	Title	Recoded
3.0	OPERATIONAL PROGRAM	Мо
	   This section is administrati   no demonstrable functions.	ve and contains

.

I .

.

Sub-section	Title	Recoded
3.1	Program Organization	No
	This section provides the maj modules, or subprograms, and describes them. Aside from t this section contains no demo functions.	or program the CPFS that his information,

   Sub-section 	Title	Recoded
3.1.1 	Multiprocessor Executive	Но
 	   Refer to Section 3.3 of this do   the rationale.	
, 		

Sub-section	Title	Recoded
3.1.2	SRAP Input Processing	Yes
	   Refer to Section 3.5 of this   the rationale. 	
;	(	

Sub-section	Title	Recoded
3.1.3	Radar/Beacon Tracking Module	Yes
	Refer to Section 3.6 of this doc the rationale.	ument for

Sub-section	Title	Recoded
3.1.4	Keyboard Input Module	Yes
	Refer to Section 3.7 of this the rationale.	document for

Sub-section	Title	Recoded
3.1.5 	Interfacility Input/Output	Yes
		nt for

Sub-section	Title	Recoded
3.1.6	Bulk Store Flight Plan Input Module No	
	   Refer to Section 3.10 of th   the rationale.	is document for
	This function is not requir is not requir is not required to maintain system.	

Sub-section	Title	Recoded
3.1.7	Display Output Module	Yes
	   Refer to Section 3.8 of this do   the rationale.	cument for
		•

Sub-section	Title	Recoded
3.1.8	Automatic Format Offset Module	Yes
 	Refer to Section 3.8 of this doc the rationale.	

Sub-section	Title	Recoded
3.1.9	Minimum Safe Altitude Warnin	
	Refer to Section 3.13 of the the rationale.  This is a priority 2 function is not required to maintain a system.	on and an integral

Sub-section	Title	Recoded
3.1.10	Continuous Data Recording	Yes
	Refer to Section 3.17 of this do the rationale.	Í

	Sub-section	Title	Recoded
1	3.1.11	Recovery Program	i cN
		Refer to Section 3.16 of this of the rationale.	' 
!		This function is not required     is not required to maintain an   system.	

Sub-section	Title	Recoded
3.1.12	On Call Programs	No
	Refer to Section 3.14 of this the rationale.	document for
	This function is not required is not required is not required to maintain an system.	•
	 \	

Sub-section	Title	Recoded
3.1.13	RBTL Operational Functions	No
	Refer to Section 3.16 of this the rationale.  This function is not required is not required and system.	document for

Sub-section	Title	Recoded
3.1.13.1	Full RBTL Operational Function	No
	Refer to Section 3.16 of this d the rationale. This function is not required b	y the FAA and
	is not required to maintain an system.	integral

Sub-section	Title	Recoded
3.1.13.2	First Level Backup RBTL   Operational Function	No
	Refer to Section 3.16 of this the rationale.	s document for
	This function is not required is not required to maintain a system.	

Sub-section	Title	Recoded
3.1.13.3	Second Level Backup RBTL   Operational Function	No
	Refer to Section 3.16 of this of the rationale.	document for
	This function is not required     Is not required to maintain an   system.	

1		
Sub-section	Title	Recoded
3.1.14	Conflict Alert (CA) Module	No
 	Refer to Section 3.20 of this the rationale.  This function is not required is not required and system.	document for

Sub-section	Title	Recoded
4.0	ORGANIZATION OF THE CPFS	No
 	This section is administrative no demonstrable functions.	and contains
,		

Sub-section	Title	Recoded
5.0	GLOSSARY OF TERMS	No
	   This section provides techn   contains no demonstrable fo	nical content but unctions.

Sub-section	Title	Recoded
6.0	ACRONYMS AND ABBREVIATIONS	No
	   This section provides technical   contains no demonstrable function	content but

Subinestion	Title	Recoded
7.0	ADDITIONAL REFERENCE DOCUMENTS	Но
	   This section is administrative an   no demonstrable functions. 	d contains

#### 3.3 Multiprocessor Executive

This document (NAS-MD-635) specifies the functional requirements for the Multiprocessor Executive (MPE).

The functions performed by the MPE in the NY TRACON system are performed in the demonstration system by MVS/RTX or are not part of the TRACON Recode project. This section will map categories of MPE work to MVS/RTX services and identify those that will not be re-implemented.

Critical Data Recording and the Recovery Sequence that uses the Critical Data will not be recoded. The equivalent of a scatter interrupt will not exist on the demonstration system.

The initializer module used during preset operation will not be recoded. Offline builds of the load modules to be executed under MVS/RTX will be performed. Task set up will be performed as part of the initialization of the RTX system.

The NY TRACON normal mode MPE services are :

- 1) Interrupt Control
- 2) Scheduler
- 3) Executive Service Request Module
- 4) Debug Module

Interrupt Control processes the following categories of interrupts:

- Interpmecessor Since the recode is on a uniprocessor, interrupts of this type will not occur.
- Executive Controlled I/O interrupts. I/O processing is handled by MVS standard access methods. Included in the Job Control Language that is used to setup the RTX job, will be information about input and output files. MVS will use this information to set up control blocks that describe the characteristics of the files. Pascal/VS will use the control blocks to generate calls to the proper MVS access methods.

The MPE scheduler schedules planned tasks and popup tasks. Planned tasks are scheduled through a lattice which imbeds strict predecessor/successor rules. RTX will schedule a subtask when a Work Request is sent to the subtask from another subtask. Subtask successor rules for each type of work will be imbedded in the logic of the subtask. The execution sequence within a subtask is determined by logic within the subtask.

Popup tasks are aperiodic and are executed on the basis of an associated real time value. RTX time queuing will be used when time related scheduling is required.

The Executive Services Module processes ESRs, critical data requests and executive input messages. It also prints recovery variables and provides device handlers.

The recoded system will use MVS standard I/O routines and will not perform critical data processing or print recovery variables. It will not process EX (Executive) Operator messages. Individual ESRs are covered in the following sub-sections.

1		
Sub-section	Title	Recoded
,	INTRODUCTION	Νο
 	This section is administrative and no demonstrable functions.	
Sub-section	Title	Regoded
,	EXECUTIVE SERVICES MODULE	No
•	I e e e e e e e e e e e e e e e e e e e	
	Title	Recoded
1	Device Handlers	Но
	This section is a heading for the   sections.	2.1.X recoded

Sub-section	Title	Recoded
2.1.1	Console Data Terminal Control	No
	This is a priority ! function.   no CDTs in the demonstration sy   In the NY TRACON system, CDTs w   interactively display and enter   messages. In the recoded syste   no interactivity.	but there are stem. ere used to operator
Sub-section	Title	Recoded
2.1.2	Disc Control	Но
	Equivalent Disk I/O functions w   by MVS/RTX.	ill be provide
Sub-section	Title	Recoded
2.1.3	MSP Control	No
	This function is not required be a soft is not required to maintain an system.	•
Sub-section	Title	Recoded
2.1.4	MTS Control	No
	Equivalent Tape I/O functions w	oill be provide

	Title	Ferided
1 2.1.5	CMC Control	No 1
1	This function is not required by   is not required to maintain an in   system.	the EAA and
:	\ <u></u>	

Sub-section	Title	Recoded
2.2	Executive Input Mescages	No
	This function is not required by     is not required to maintain to	
	Executive (EX) operator messages processed during the demonstration of t	on. These ps (via the initiated landing gnostic reference status illary message to ted Backup es. Select termite DCU . CDI Related at Command. TRACON esses or fithere
	1 system.	

Sub-section	Title	Recoded
2.3	Executive Service Request	No
	This section provides technical contains no demonstrable functi	
	Executive Services in NY TRACON to request operating system ser demonstration system, since it Pascal/VS with a modern operati language processor will general method calls on behalf of the c Application code will contain of PUTs rather than an Executive S  Scheduling ESRs will be replace the SEND/RECEIVE application see	rvices. In the is recoded in ing system, the te I/O access user. GETs and Service request to ervices. For
	section.	

Sub-section	Title	Recoded
2.3.1	Input/Output ESRs	No I
	An equivalent function is being a standard MVS access method.	• •

Sub-section	Title	Recoded
2.3.2	Indirect ESR Request	No
	This function is not require   is not required to maintain   system.	d by the FAA and

Sub-section		
	Title	Recoded
2.3.3	Clear Arithmetic Overflow Desi	
	This function is not required is not required to maintain and system.	
Sub-nection	Title	Feeded
2 3 4	Scheduling ESRs	на
	An equivalent function is bein RTX scheduling services invoke and RECEIVE application services	d by SEND
,		
Sub-section	Title	Recoded
Sub-section 	Title 	
		No
	Debug - Snap Dump	No
	Debug - Snap Dump	No
	Debug - Snap Dump	No g provided by
	Debug - Snap Dump   An equivalent function is bein   RTX Probe and Debug services.	No g provided by

Title	Recoded
Critical Data ESRs	No
This function is not require is not required to maintain system.  The demonstration system will recovery mechanisms.	an integral
	Critical Data ESRs   This function is not require   is not required to maintain   system.   The demonstration system wil

Sub-section	Title	Recoded
2.3.8	Device Oriented ESRs	No
	An equivalent function is be standard MVS access methods. Refer to Section 2.3 of this the rationale.	ing provided by
	f the rationale.	

Sub-section	Title	Recoded
2.3.9.1	Request Data (E\$DATA)	МО
	This function is not required is not required to maintain a system. In the MPE system, this ESR a to read or write the contents location in the system. It is an area of memory that the tal directly. In the demonstration system, I directly access a variable the it will send a request to the the data and the owning task requested data.	an integral allows a task s of any memory is used to access ask cannot access if a task cannot nat it requires. task that owns

Sub-section	Title	Recoded
2.3.9.2	System Scatter Interrupt (ESS	CATI No
	This function is not required   is not required to maintain a   system:	by the EAA and
	1 71110	£e संस्त
2.3.9.3	Coll Aboullary (ESCALL)	N-5
	<ul> <li>  This junction is not required</li> <li>  Is not required to maintain a</li> <li>  System</li> <li>  Ontain! programs will not be</li> </ul>	n integral
Subraedtion	immonstration system	Recoded
Subsection	immonistration system	Recoded
	iemonistration system	Recoded No
Sub-section	Innonstration system     Title     Evit (ESEXIT)     An equivalent function is bess	Recoded  No  Ng provided by  o indicate that  To the dal/VS support

Sub-section	Title	Recoded
2.3.9.5	Switch CDT Messages (ESSIM)	Но
	<pre>  This function is not required   is not required to maintain a   system.</pre>	•
	The recoded system does not a	ontain any CD1s.

Subsection	Title	Panedad !
•	CMC Related ESRs	No.
	This function is not required by the is not required to maintain an integral system.	
	<b></b>	

Sub-section	Title	Recoded
3 , n	INITIALIZER MODULE	N=
	An equivalent function is bei	ny provided by
	MVS/RTX Initialization.	
	The MPE Initializer module initial:	
	processor hardware, instabliz	ed MTE of twarm.
	and passed control to tack op	in ofind proces
	routine.	
	MVS/RIX will perform these so	gregor at
	part of normal job initiation	under FTY.
	1	
	· • • • •   • • • • • • • • • • • • • •	

Sub-section	Title	Red ded
4.0	SCHEDULER MODULE	No.
	This section provides techni   contains no demonstrable fun	or night but
	Refer to the Overview of the Executive which appears at the Section 3.3 for the rational	he beginning of

Sub-section	Title	Recoded
4.1	Popup Scheduler	Но
	An equivalent function is t RTX Time Scheduling.	peing provided by
	Refer to the Overview of the Executive which appears at a Section 3.3 for the rations	the beginning of

Sub-section	Title	Recoded
4.2	Planned Scheduler	No.
	An equivalent function is be the RTX Scheduler.	
	Refer to the Overview of the Executive which appears at t	,
	Section 3.3 for the rational	e .

Sub-section	Title	Recoded
4.3	Executive Time Check Routing	No
	An equivalent function is being Timing Control executive service	
	This routine checks each proced to determine if it has been now Executive longer than the allot	av from the
	<pre>has been in the Executive longe   allotted time. In the demonstration   Timing Control will verify that</pre>	r than the ation system.
	not executing an unacceptable l See Additional Capabilities bel	ength of time.

Sub-section	Title	Recoded
5.0	INTERRUPT CONTROL MODULE	ис
	An equivalent function is being MVS/RTX Interrupt Processing.	
	In the MPE system, the Interrupt Module processes operational and interrupts. In the demonstration	d error
	processor and peripheral commun   Coperational interrupts: will be   MVS: error interrupts of a softe	e fielded by
	(program checks) will be fielded hardware interrupts will be fie	H by MVS/RI%:
	!	

<del></del>		
Sub-section	Title	Recoded
6.0	DEBUG MODULE	Мо
 	An equivalent function is be RTX Debugging aids.	eing provided by
	The MPE Debug module allows   releasing of software break	
	of task execution, snap dum	ps. history
	function, automatic restart   In the demonstration, no re-	
	will be provided. Program	
	during development will be   calls to RTX SNAP and TRACE	
	Additional Capabilities	
	an application service that	,
	tion. These services will be ffers between subtacks and to	•
Timing Control will	be an application service tha	t
	ines if processing deadlines a	
<pre>It also passes syst predetermined inter</pre>	em time for output to the disp val.	iay at a
	ination will be an application	
•	sk for execution at system ini ng of all subtasks at system t	

## 3.4 Retrack

Retrack is a program that, through use of CDR tape, acts as a load tester and driver for the New York TRACON environment. For the NYTRACON demonstration program, RETRACK will act as a driver only. In the New York TPACON environment RETRACK is an off-line program which uses the backup IOPB to drive the operational system during non-operational periods. The NYTRACON program for the demonstration will be an integral part of the operational program.

The demonstration RETRACK will make use of the same CDR file that the original RETRACK uses; however, not all of the messages will be processed by RETRACK or the operational program. The messages that are not processed will be discarded.

The demonstration RETRACK will be written in PiSCALZVS. The data used will be read from a disk containing CDR data which has been converted to IBM format by an off-line program (see Section 3.21).

	Title	Recoded
1.0	INTRODUCTION	מא
	This section contains ge ton RETRACK, and contains functions.	neral information no demonstrable
·	Title	
Sub-section		Recoded
Sub-section	Title	Recoded NO neral information

Title	Recoded
Scope	но
This section contains general inform on RETRACK, and contains no demonst   functions.	mation rable
Title	Recoded
Background	но
 	rable
Title	Recoded
Environment	но
Runs as part of the operational sys   MVS/RTX task. Input is from disk.	
	This section contains general infor on RETRACK, and contains no demonst functions.  Title  Background  This section contains general infor on RETRACK, and contains no demonst functions.  Title  Environment  Runs as part of the operational sys

Sub-section	Title	Recoded
1.5	Program Description	NO
	This section contains a gene   of RETRACK, but contains no   functions.	
	The demonstration Retrack will part of the operational syst	•
	Enhanced Target Generation w   porated into the demonstrate	
	Input data will come from a   Refer to section 2.3.1, belo	
	Input data will consist of a con CDR tapes. Refer to sect	
	The options of the New York will not be incorporated in RETRACK.	
	If the data that is sent by used by the demonstration op as it would have been by the program, the receiving tark the data.	enrational program New York TRACON

	Title	Recoded
1 2.0	PROGRAM OPTIONS	NO I
 	This section contains general information, and contains no de functions.	:

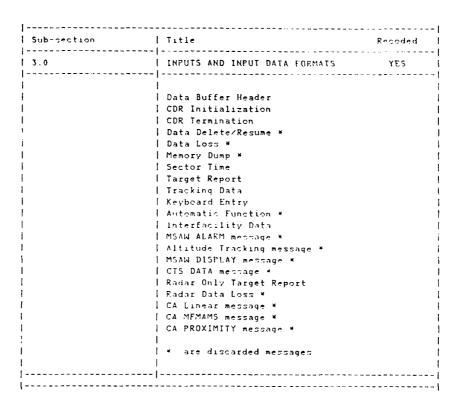
·		
Sub-section	Title	Recoded
2.1	Assembly Options	NO
	This section contains general   information, and contains no demonstrations.	
Sub-section	Title	Recoded
2.1.1	Message Processing Inhibita	МО
	This is a New York TRACON ascembly The demonstration RETRACK will not CDR message types or subtypes. All will be read from the disk. The modern of the control of the contr	ot inhibit il messages messages k TRACON the demonst- nich are RETRACK. menstration not be ETRACK.
Sub-section	Title	Recoded
2.1.2	Process Non-Standard Formats	но
	RETRACK will be coded to accept : NYTRACON formatted data only.	standard
	**	

Sub-section	Title	Recoded
2.1.3	System/Site Adaptation Parameters	NO
		K Ultra ed.
Sub-section	Title	Recoded
2.2	Program Startup Options	NO
	These options will not apply to t   demonstration program	
Sub-section	Title	Recoded
2.2.1	Force Operational System Into   Training Mode	NO
	This option will not apply to the   demonstration program	
Sub~section	Title	Recoded
2.2.2	Select Input Sensors	NO
	The four New York TRACON sensors processed by the demonstration pr The selection option will not app	ogram.

Sub-section	Title	Peroded
2.3	Runtime Options	NO
	   These options are system opening   hardware. They are not required   demonstration.	is to UNIVAC I for the
Sub-section	Title	Recode 4
2.3.1	Select Input Media	NO
	Input data will come from an IS   disk containing the CDR data w     converted to IBM format.	hich hid been
Sub-section	[ Title	Pecoded
2 3.2	Select Replay Initiation	14+1
	This is a UNIVAC hardware spec   Startup times may be entered if   TRACON RETRACK program to invo   ing of the RETRACK program. The   RETRACK will startup on semmand   not from startup input.	ific option, note New York ke the process or demonstration defron the user

v

2.3.3	Enable/Disable Interfacility   Data Processing 	МО
	To the Man Year TOACON BETBACK	
	hardware controlled option. For stration RETRACK the option of i interfacility messages will not lead to be strated in the capability to please the capability to please the capability messages when processing interfacility messages such as A interfacility messages such as A interfacility messages such as A interfacility messages to make the current RETRACK checks to make the current RETRACK checks to make the current retraction has been received and edged first, then it processes to interfacility messages. The demonstration RETRACK will a capability to process interfacility plan messages.	the demon- nhibiting apply.  ayback inter- g non-flight M and CX ke sure a d acknowl- he non-flight nstration bility. Iso have the



Sub-section	Title	Recoded
4.0	RETRACK OUTPUTS/OUTPUT DATA FORM	
	1) Sector Time Messages 2) Beacon/Radar Reinforced Beacon Messages 3) Radar only Target Report Mess 4) Display Keyboard Messages 5) Interfacility Input Messages Note: Only the following message fabricated: Keyboard flight date for CDR input tracking data for its no current flight plan.	ages es will be a message which there
	••	
Sub-section	Title	Recoded
4.1	SRAP Message Formats	YES
	Only those that are applicable t NYTRACON program will be include (parallel SRAP message formats)	d.
	**************************************	
Sub-section	Title	Recoded
4.1.1	Tampa/Sarasota Serial SRAP   Message Formats	МО
	These message formats do not app   demonstration program.	

Sub-section	Title	Recoded
( 4 , 1 , 2 )	i ARIS IIIAZNEW YORK IRACON Parallel I SRAP Message Formats	YF5
		ho
Sub-section	Title	Recoded
4 1 7.1	Beasch/Radar Reinforced Bewon   Mespage Formato	YES
		he
Sub-section	Title	Recoded
4.1.2.2	i Radar Only Message Formats	YE5
		he
		· · · · · · · · · · · · · · · · · · ·
Sabisention	Title	Recoded
4.1.2.3	Weather Map Formats	NO .
	 	to the

Sub-section	Title	Recoded
4.1.2.4	Sector Mark Formats	YES
	   These message formats do apply to t   demonstration program. 	he
*		
Sub-section	Title	Recoded
4.2	Common Digitizer (CD) MESG Formats	
	   Not applicable to NYTRACON RETRACK.   	
Sub-section	l Title	Recoded
4.3	Display Keyboard Message Formats	
	All keyboard messages with no error are read from the CDR data will be and sent to keyboard processing.  Keyboard messages in error will be to a designated log file.	processed logged

Sub-section	Title	Record
4.4	Interfacility Message Formats	
	RETRACK will read all interferili but will only send FP. CX. on AM to the demonstration interfacilit The FP message must have a match; to the ARTCC to be sent to interf other messages will be discarded.	mensage v module og DA se
Subsection	Title	Record
5.0	I SYSTEM INITIALIZATION AND CONTROL	
	This section contains information hardware options, as well is intell run time options. The assembly a loptions will be incorporated into liresident RETRACK program.	ni tive nd run t
Sub-section	Title	2*50g
5 , 1	REDU	но
	[ This is hardware related to UNIV	AC. and

•

Sub-section	Title	Recoded
5.2	Disk Subsystem Initialization	NO
	This is hardware related to UNIV replaced by IBM/370 environment.	
Sub-section	Title	Recoded
5.3	VIC Tape Subsystem Initialization	on NO
	This is hardware related to UNIV   replaced by IBM/370 environment	
Sub-section	Title	Recoded
5.4	I IMT Initialization	NO
	I IMT Initialization  Thus is hardware related to UNI replaced by IBM/370 environment	NO VAC, and is
	I IMT Initialization	NO VAC, and is
	IMT Initialization	NO  AC, and is  Recoded
5.4	IMT Initialization  Thus is hardware related to UNI replaced by IBM/370 environment	NO  AC, and is  Recoded

N.

Sub-section	Title	Recoded
5,6	System Startup	но
	This will not be hardware orient extent discussed in this section RTX environment will provide sta	the MVSZ
Sub-section	Title	Proceed
5.7	Select Runtime Options	NO
	The options operated in the Fli MANUAL are oriented to the New ( RETRACK program only, Run time of the demonstration RETRACK will h by the operating system of which will be a subfunction.	THE TRACTOR SETTINGS FOR SETTIN
Sub-section	Title	Recoded
APPENDIX A	Message Type Selective Option	YES
		aintain an

Sub-section	Title	Recoded
APPENDIX B	•	YES
	   Only those equates specific to N'   will be included.   	
		-
Sub-section	Title	Recoded
	OPS Description Parameters	YES
	Only those equates specific to N will be included	
	Title	
200-26Cffou		
APPENDIX D	RETRACK Assembly Runstream	МО
	These values will be incorporate demonstration RETRACK, but will considered as a 'runstream.'	not be
	Additional Capabilities	
There will be no add demonstration.	itional capabilities provided for t	he

## 3.5 SRAP Processing

This document elaborates on the recoding specifications for Parallel SRAP processing. The sections are derived from NAS-MD-636.

FSRAP receives the radar reports, beacon reports and radar reinforced beacon reports, along with sector time messages, from RETRACK. It then puts them into the formats needed by TRACKING.

PSRAP will not do any hardware related SRAP functions, such as SRAP hardware initialization, performance monitoring, alternate SRAP selection and SRAP Confidence test. It will not process SRAP alarm messages.

Sub-section	Title	Recoded
1.0	INTRODUCTION	₩÷
 	This section provides an   following subsections and   no demonstrable functions	introduction to the [ - as such, contains ]
		,

Sub-section	Title	Recoded
2.0	SRAP INITIALIZATION	Yes
	Only the following SRAP last   functions will be implemente   Instialization, Sector Mark   tion, and Input Buffer Insti	d: Scan Time Table Instraliza alscation.

Sub-section	Title	Recoded
3.0	SRAP MESSAGE PROCESSING	No
	This section provides an intro- following subsections and, as no demonstrable functions.	eduction to the

Sub-section	Title	Recoded
3.1	BEACON REPORT PROCESSING	Yes
<b>!</b>	This is a priority I function.	, ,
Sub-section	Title	Recoded
<u>.</u>	RADAR REPORT PROCESSING	Yes
	This is a priority 1 function.	
•	Title	Recoded
•	SECTOR MARK PROCESSING	Yes
	   This is a priority   function.	
Sub-section	Title	Recoded
•	ALARM MESSAGE PROCESSING	No
     	The alarm processing function provided as stated in Section Requirements.	is not being
r		

Sub-section	Title	Recoded
4.0	SRAP PERFORMANCE MONITORING	Но
	The SRAP performance monitoring for is not being provided.	nction
Sub-section	Title	Proceeded
	ALTERNATE SRAP SELECTION	Но
I	Since there is no SRAP performance ing, there is no need for the Alte SRAP Selection function.	rnate
	Title	Recoded
	SRAP CONFIDENCE TEST	No
	Since there is no SRAP performance ling, there is no need for the SRAP dence test function.	
	Additional Capabilities	
There will be no add demonstration.	ditional capabilities provided for t	he

边

## 3.6 Target Processing (Tracking) and ISL (Inter-sensor Linker)

This document (NAS-MD-637) describes the specifications for tracking and intersensor linker.

Tracking gets its inputs of target reports from PSRAP and flight plans from Interfacility. It also receives keyboard messages to update Tracking data base. The primary function of tracking is to correlate proper tracks with the targets and generate data to be displayed and to be extracted on CDR tape. In cases where correlation is not possible, it creates new tracks in CTS using the information in the target reports. Tracking will not store data for Conflict Alert and MSAW, since those functions are not being recoded.

Tracking algorithms will be completely preserved as they are in the current system.

Inter sensor linker links the associated tracks within one sensor to unassociated tracks in a related sensor.

Sub-section	Title	Recoded
1.0	INTRODUCTION	No
	This section provides an ove   following subsections and con   demonstrable functions.	ntains no
Sub-section	] Title	
		Recoded No

	Title	Recoded
•	TRACKING FLOW	Но
	This section provides an overvi   tracking flow and contains no c   functions.	demonstrable
		'
   Sub-section	Title	Recoded
2.0	TRACKING CONTROL	Y~5
		be implemented 1 function.
	Title	
	TRACKED TARGET PROCESSING	No.
	This section provides an overve   following subsections and conta   demonstrable functions.	
   Sub-section		
!	Title	Recoded Yes
Sub-section	Title	Recoded Yes

Sub-section	Title	Recoded
3.1.1	TRACKING FIRMNESS AND TRACK ORIENTE SMOOTHING	
Sub-section	! Title	Recoded
3.1.2	TRACKING BINS	Yes
	   This is a priority 1 function. 	
Sub-section	Title	Recoded
3.1.3	PRIMARY/SECONDARY BINS	Yes
	This is a priority   function.	
Sub-section	Title	Recoded
3.1.4	CROSS REFERENCING	Yes
	This is a priority 1 function.	

Sub-section		Recoded
'	TARGET SELECTION	Yes
ĺ	This is a priority I function.	İ
•	Title	Recoded
3.1.6	PRIMARY/SECONDARY CORRELATION	
İ	This is a priority   function.	
		-
Sub-section	Title	Recoded
3,1.7	HORMAL, PARENT AND PARENT TRIAL TRACK CORRELATION	Yes
	This is a priority 1 function.	
Sub-section	Title	Pac, aded
3.1.8	SUSPENDED TRACKS	Yen
	This is a priority   function.	

Sub-section	Title	Recoded
3.1.9	DEVIATION TRACK CREATION	Yes
	   This is a priority   function.	
Sub-section	Title	Recoded
3.1.10	SECOND PASS PROCESSING	Yes
Sub-section	Title	Recoded
	INITIAL CORRELATION	Yes
	This is a priority 1 function.	
~~+		
Sub-section	Title	Recoded
3.1.12	DEVIATION TRACK CORRELATION	Yes
	This is a priority   function.	
	(	

Sub-section	Title	Recoded
•	TRACK CORRECTION	Yes
	This is a priority I function	
1		
Sub-section	Title	Recoded
	AUTOMATIC ACQUISITION	Yes
l	This is a priority   function	
	·	
Sub-section	Title	Recoded
	STORE CONFLICT ALFRE DATA	N.,
 	The Advanced Tracking functions implemented in the NY TRACON proceeding.	-
Sub-section		२००० - १० शिक्षाः विकर्ष
•	NOTTOICAR	for
	This is a priority t function	
	1	

Sub-section	Title	Recoded
3.2.1	AUTO-DROP AREA PREDICTIONS	Yes
	This is a priority & function.	
Sub-section	Title	Hecoded
'	AUTO TRANSFER OF FDB	Yes
!	This is a priority 1 function.	
	Title	Recoded
	AUTO ACTIVATION OF AIRCRAFT TYPE	Yes
	This is a priority 1 function.	
Sub-section	i Title	Recoded
3.2.4	AUTO TRANSFER OF AIRCRAFT TYPE TO BRITE TABULAR LIST	No
	The New York TRACON recode demonstr project will not incorporate a Brit display	
 	display 	

Sub seitinn	• • • • • • •	Recoded
	PROCESS UNUSED REPORTS (IPUR)	Yes
Sub-section		Recoded
	I INTER-SENSOR LINKER (ISL)	Ye5
Sub-section	Title	Recoded
6.0	EARLY DISCRETE CORRELATION (TEDC)	Yes
	Additional Capabilities	
There will be no demonstration.	o additional capabilities provided for t	he

## 3.7 Keyboard Processing

This document (NAS-MD-638) describes the specifications for the KEYBOARD module. The KEYBOARD module shall process all completed preview messages. The proview messages' characters shall be interpreted, and the required operation processing shall be initiated. The preview messages shall be received from the RETRACK module. RETRACK shall filter out invalid keyboard messages by looking at the error field in each message, and only sending those messages to the KEYBOARD module which are error free. RETRACK will also send to KEYBOARD flight data messages fabricated from the Tracking Data Messages.

The KEYBOARD module shall receive all error free teyboard messages which are on the CDR tape, but shall only process a subset of them. The following sections elaborate on which functions will be implemented, and which functions will not be implemented.

Sub-section	Title	Recoded
1.0	INTRODUCTION	No
	This section is administrativ	
<del>-</del>		
Sub-section	Title	Recoded
1.1	Components of the Keyboard In   Module	
	This section is administrative and contains   no demonstrable functions.	
Sub-section	Title	Recoded
1.1.1	Alphanumeric Keyboard	No
	This section provides technic contains no demonstrable fund	
	~	

Sub-section	Title	Recoded	
1.1.2	Slew Entry Device (SED)	No	
	This section provides technical contains no demonstrable femalic	content but	
Subsection	Title	Recided	
1.1.3	Quick Look Selector Switche.	Νο	
	This section provides technical contains no demonstrable function		
	1		
Sub-section	Title	Recoded	
1.2	Classification and Validation of   Messages		
	This bection is administrative of no demonstrable functions		
Subtrestion	Title	Recoded	
1.2.1	Message Categories	Nэ	
	This section provides technical contains no demonstrable function	on**nt but	
Sub-section	[ Title	Recoded	
1.2.2	General Message Validation Crite		
	This is a priority I function.		

Sub-section	Title	Recoded
1.2.3	Message Entry Error Indication:	Хo
	This section provides technical content but   contains no demonstrable functions.	
Sub-section	Title	Pecoded
1.2.4	Duplicate ACID'S for Track File   Identity	Yes
· • • • • • • • • • • • • • • • • • • •	This is a priority 1 function.	
Sub-section	Title	Recoded
2.0	XEYBOARD OPERATIONAL FUNCTION   PROCESSING (KOF)	Yes
	This is a priority 1 function.	
	.=	

Sub-section	Title	Recoded
2.1	Inputs	Yes
	This is a priority 1 functs	
	The following functions wil	
	Initiate Cintrol	2 0. 1000
	Track Reposition	
	Track Suspend	
	Terminate Control	
	Flight Data Entry	
	The following functions wil	l not be recoded.
	Handoff Initiate	
	Interfacility Message Pri	n+ INFRINT
	Interfacility Test Progra	
	Training Target Generator	
	Conflict Alert	•
	The following Multifunction	s will be recoded
	deleted	
	BCN (Beacon)	
	deleted	
	HVYJG (Heavy Jet)	
	deleted	
	MODL (Modify)	
	PREK (Preview)	
	SYSK (System Data)	
	TABG (Tabular List Messag	es)
	! YSCP (Scratch Pad)	
	The following Multitumotion	is will not be
	recoded.	
	ATIS	
	CFGD (Configuration)	
	DISL (Jumplay)	
	EMGL (Francy)	
	BRATS (Beacon Reports and	l Tracking Summary
	f Filk (Filter)	
	ITP (Mag-Tape/Dic Flight	
	KINK (Reinitialize Displa	ry )
	LDRL (Leager)	
	DFFK (Auto-Offset)	
	CMSAW (MSAW Display Inhib	111)
	RDTL (Memory Readout)	
	VMSAW (Enable/Disable MSA	
•	X3CM (Display Sensor Swit	ching)
	COR Extractor	
	Manual Reconfiguration	
	1	

Sub-section	Title	Recoded
2,1	Inputs (continued)	Yes
	The following Implied Function recoded. Beacon Readout Terminate Control Display/Inhibit Associated deleted Abbreviated Flight Data Ent Initiate Control Beacon Code Modify The following Implied Function recoded. Override Interfacility Disp Handoff Accept/Recall Handoff Initiate Remote Tower Display Keyboa	ns will be Track  ry  ns will not be lay Precentation
they will be rec- keyboard message	Inhibit Blinking DM    ssages that are not being recoded a orded on the CDR file and designate s. When fabricated messages are pr and designated as fabricated keybo	d as unprocessed occessed, they and messages
they will be reckeyboard message will be recorded	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are preand designated as fabricated keybo	d as unprocessed occessed, they and messages
they will be reckeyboard message will be recorded	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are preand designated as fabricated keybo	d as unprocessed ocessed, they and messages Recoded
they will be rec- keyboard message will be recorded	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are preand designated as fabricated keybo	d as unprocessed coessed, they and messages  Recoded  No all content but tions.
they will be reckeyboard message will be recorded  Sub-section  2.2	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are proposed and designated as fabricated keybone in the contains no demonstrable functions.	d as unprocessed ocessed, they and messages  Recoded  No al content but tions.
they will be reckeyboard message will be recorded  Sub-section  2.2  Sub-section	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are proposed and designated as fabricated leybon.    Title     Subprogram Description     This section provides technical contains no demonstrable functions.	d as unprocessed ocessed, they and messages  Recoded  No hal content but tions.
they will be reckeyboard message will be recorded  Sub-section  2.2  Sub-section	ssages that are not being recoded a orded on the CDR file and designates. When fabricated messages are proposed and designated as fabricated keybored and designated as fabricated keybored.    Title     Subprogram Description     This section provides technical contains no demonstrable functions.	d as unprocessed ocessed, they and messages  Recoded  No al content but tions.



Sub-section	{ Title	F#,3ded
   2.2.1.1	Initiate a New Track Film	Yes
	This is a priority I fun to n	· •• ••• · ••
	·	
Sub-section	Title	Regoded
2.2.1.2	Activate an Existing Track File   Central Truit Store	in Yes
<del></del>	This is a priority t function:	
, - <del>-</del>		
- <b>-</b>		
Sub-settin	Title	Resided
2 2.1.3	Enable Automatic Acquisition of   Existing Track File	an No
	Automatic acquisition is enabled   tracks	for all
	·	
Sub-section	Title	Pelod <b>ed</b>
2.2.2	Track Reposition Operation Funct   (RPL)	i∵n Yes
·	f This is a priority to the time.	
Sub-section	1 Title	Payndad
2.2.3	Track Suspend Operational Funct:   (SUL)	in Yes
	This is a priority ! function.	
	· · · · · · · · · · · · · · · · · · ·	, 

Sub-section	Title 	Recoded
2.2.4	Terminate Control Operational Funct	ion   Yes
	This is a priority 1 function.	,   
l		
Sub-section	Title	Recoded
2.2.4.1	Terminate a Single Track	Yes
	This is a priority 1 function.	
<i></i>		
Sub-section	Title	Recoded
2.2.4.2	Terminate All Tracks	Yes
	This is a priority   function.	
, }	' 	
ī		,
Sub-section	Title	Recoded
·	Mandoff Initiate/Recall/Accept (HDL	
	This function is not required to ma an integral system. Only data appl one controller is being processed f demonstration.	icable to
Sub-section	Title	Recoded
2.2.6	   Flight Data Entry (FDL)	Yes
	This is a priority 1 function.	

   Subspection	Title	·· Resided
   2.2.6.1 	Initiate new track file in CTS wif   Flight Plan or Store Status	······································
	This is a priority I function	
	***************************************	
Sub-section	Title	Perided
2.2.6.2	Display "DM" for Kevb. ind Enternal     Flight Plans	f
	This is a priority t function	•
Sub-section	Title	Pegoded
2.2.6.3	Display/Delete Display of Aircritt Type in the Full Data Block	(es
	This is a priority   feeting	
Subsection	Title	Pr (4+1)
3.3	MULTIFUNCTION (KFK)	N
	This section provides technical a contains no demonstrable forction	nient but
Sub-section	Title	Partial
3 1	ATIS Multifunction (ATIS)	N .
	This function is not required to me an integral system   All's will be   for entire demonstration.	
~		

Sub-section	Title	Recoded
3.1.1	Select and Display the HOST ALTIME setting, ATIS and GI or unique alt settings and unique GI.	
	This function is not required to m   an integral system. System data w   preset for entire demonstration.	ili be
Sub-section	Title	Recoded
3.1.2	Enable/Disable Arrival Fix Area(s)	
	This function is not required to m   an integral system.	
Sub-section	Title	Recoded
3.2	Beacon Multifunction (BCNK)	Yes
		<b>-</b>
	This is a priority 1 function.	
·····	This is a priority 1 function.	
Sub-section	This is a priority 1 function.	Recoded
3.2.1	This is a priority 1 function.	Recoded
3.2.1	This is a priority 1 function.    Title   Beacon Code Readout of a Single Tr	Recoded ack Yes
3.2.1	This is a priority 1 function.	Recoded ack Yes
3.2.1	This is a priority 1 function.	Recoded ack Yes
3.2.1	This is a priority 1 function.	Recoded ack Yes

Sub-section	Title	Peruded
3.3	Configuration Multifunction (SECD	: No
	This function is not required to:   an integral system. The consolid   solidation of control position of   of this demonstration. System of   will be present for entire demonstrations.	ati mzdecon- n n t a pert dogaretica
	7	
Sub-restion	Title	भिक्र <u>विक्र</u> ा
5 4	Display Multifunction (D[SL)	Но
	This function is not required to   integral system.	
Sub-section	Tit e	Revolded
3.5	Emergency Multifunction (EMGL)	No.
	This function is not required to   an integral system   Emergency of   fulurechise & increasing will be   in the full data bly.	115
Sub setting	Title	Marriale f
3 6	Filter Multifunction (FI!K)	<b>ч</b> ,
	Filtering of the data blooks will   based on preset limits	be
	. 1	

Sub-section	Title	Recoded
3.7	Beacon Reports and Tracking	Summary No
~	This function is not requir lintegral system. Printed of collections via keyboard en of this demonstration.	red to maintain an output of data attry is not a part

	Title	Recoded
1 3.8 1	Heavy Jet Flight Plan Status, site Adapted Alpha, Aircraft Type Multi- function (HVYJG)	Yes
i	This is a priority I function.	

		1
Sub-section	Title Recoded	ļ
3.9	Mag-Tape/Disc Flight Plan Multifunction (IFP) No	! 
	This function is not required to maintain an integral system. Flight plan input from tape or disc is not part of this demonstration	١
		1

Sub-section	Title	Recoded
3.10	F7J is currently undefined	No
	This section is administrative no demonstrable functions. This provides a place holder.	and contains s section

	1 Title	Po te t
3 11	Resultiblize Display	
	I This function is not require lintegral system. The result	
	I not be implemented for this.	
		-
5ub se.*ion	l litle	E
		*.* 10 £
1 12	Leader Multifunction (17et)	••
• •	1. Automatic offset is implement	* : - { - * * * * * * * * * * * * * * * * *
	I demonstration	
	· · · · · · · · · · · · · · · · · · ·	
Subsection.	Title	FA HAY
2 , 2	Modify Multifunction (M)	٠.,
	This is a priority to two ti-	
" 1 m 11 m	I Title	• • • •
7 4 4 5	<pre></pre>	1.0
	. In This is a presently $V(f,\omega)$ to the second of the second $f$	
e e e e	1 7:11/	
	+ · · · · · · · · · · · · · · · · · · ·	·
; · ; ·	Mafity flight plan to daspta	
	on departure 	N
	This for the is a tree of	r
	) in integral system	
*	1	·

•

Recoded	Sub-section
ndefined No	3.14
ministrative and contains actions.	İ
Recoded	Sub-section !
unition (OFFK) No	
of required to maintain an Automati, offset function oled for this demonstration	
Recoded	Sub-section
ion Yes	3.16
1 function	
Recoded	Sub-section
ew area and brite No	3.16.1
not be displayed and brite be implemented for this	
• • • • • • • • • • • • • • • • • • • •	
Pecoded	Sub-section
eruisary position. Yes	3.16.2
1 function	
Pecod	Sub-section !

1	* . * * * * * *	
Sub-sestion	1 T.A.	وموريم
1 3.17	Process MSAW Bicplay Inhibit	
! ! !	This function is not removed integral system.  MSAW is a priority of the tile tracking citedoctic which is a contract of the reference of the reference.	to the staining
Sobron to n	· ·	1
5.18	Memory Rend of Multifles energy	
	i This function is not recurred integral so tem. The divide the man of resident integrals of this femonstration.	
	The American Committee of the Committee	
Sub-section	1 T	!
5.19 	T. Sym Am C. P. C. Print	in des seconds
	The three sections of the section of	- <u>1</u>
*****	• • • •	
stabilisari, tiplin	in the second	4 4 <del>-</del> 1 <b>- 2</b> - 2 - 1
5.19.1	Kell ate Contemposes	* of 1
	The footen to be received as Lintegral section	- " + - " + - "
		1
		1

•

Sub-section	Title	Recoded
3.19.2	Modify host altimeter or unique   altimeter settings	Yes
;	This is a priority I function.	
	'	• • • • • • • • • • • • • • • • • • •
   Sub-section	Title	Recoded
3.19.3	System time settings	Yes
 	This message will cause an abnor-	mal
	.,	
Sub-section	Title	Recoded
3.19.4	Initiate/modify/delete host ATIS   character and general informatio	n. No
	This function is not required to integral system.	maintain an
Sub section	Tatle	Recoded
3.19.5	Initiate/modify/delete unique ge information.	neral No
	This function is not required to   integral system.	maintain an
	···	
Sub-section	Title	Recoded
3 19 6	System date settings	Yes
	•	
İ	This message will cause an abnor   termination.	mal

Subjection	1 Title	· · · · · · · · · · · · · · · · · · ·
3 20	Tabular List Messages (TAPS)	Yes
	This is a priority 1 function	
	• • • • • • • • • • • • • • • • • • •	Peloded
Saite estima	Title	er.⊹aea +=
5 25 1	l Relocate arrival/departure last	$\mathbf{u}_{\beta}$
	1 This function is not required to	magnification and
	· · · · · · · · · · · · · · · · · · ·	
to be a second		Recoded
3.26.3		No.
	This function is not recorded to	ma (fain an
	integral system	
	[ integral system	
	integral system	
	! integral system	
	funtegral system	24 (6.)
	( integral system  ( Title  ( Selestkinnibit dish, ( ) arri ) deporture tubular list	24 (6.)
	( integral system  ( Title  ( Selestribuible displace and of departure rabular list	9 - 46.1 No.
	( integral system  ( Title  ( Selestkinnib, r. dish, r	9 - 46.1 No.
	( integral system  ( Title  ( Selectionship disc, ( ) arrive  ( deporture tobular list  ( This foots on a new remain)	9 - 46.1 No.
	( integral system  ( Title  ( Selectionship disc, ( ) arrive  ( deporture tobular list  ( This foots on a new remain)	9 - 46.1 No.
	( integral system  ( Title  ( Selectionship disc, ( ) arrive  ( deporture tobular list  ( This foots on a new remain)	9 - 46.1 No.
	( integral system  ( Title  ( Selectionship disc, ( ) arrive  ( deporture tobular list  ( This foots on a new remain)	9 - 46.1 No.
	(integral system  Title  Selectionship disc, or arminities to departure to be lar list  This fort, or a new reserving integral system  (Title	No. 16.4 N.S. San An
	(integral system  (Title  (Selectionship disc, e.g. arrive) deporture rebular list  (Thir for the arrive) listing all system	No. 16.4 N.S. San An
	( integral system  ( Title  ( Selectzionabir disc, e a arci o  depurture tubular list  ( This for to be a cost resure)  ( integral system  ( Title  ( Terrinate store trop of a bittor  ( le thus tore securing)	We find  No. 1997  No. 1997  Fig. 1997
	( integral system  ( Title  ( Selectrianghor dise, a color deporture tabular list  ( Thir foot, a color reserved to the property of the color deporture of the c	We find  No. 1997  No. 1997  Fig. 1997

Sub-section	Title	Recoded
3.20.5	Terminate all store tracks with   less time specified.	Yes
	This is a priority   function.	
Sub-section	Title	Recoded
3.20.6	Relocate MSAW Display Area	No
	This function is not required to   integral system.   MSAW is a priority 2 function in   Tracking category, which is not   of this effort.	maintain an
Sub-section	Title	Recoded
3.21	F7U is currently undefined	No
	This section is administrative a   no demonstrable functions.	
Sub-section	Title	Recoded
3.22	Enable/Disable MSAW Functions (V	
	This function is not required to   integral system.   MSAW is a priority 2 function in   Tracking category, which is not   of this effort.	the Advanced

Sub-section	Title	Resoded
3.23	F7W is currently undefined	N <sub>O</sub>
	This section is administrative and no demonstrable functions.	contains
Sub-section	Title	Recoded
3.24	Display Sensor Switching (X3CH)	Мо
	This function is not required to mail integral system. The scope of this demonstration is to one sensor.	
Sub-section	Title	Recoded
3.25	Scratch Pad Multifunction (YSCP)	Yes
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	This is a priority   function.	
Sub-pection	/ Title	Recoded
3.26	1 F7Z is currently undefined	и.,
	This section is administrative and no demonstrable functions.	contains
Sub-section	Title	Recoded
3 27	COR Extractor Control Multifunction	Но
	This function is not required to m     integral system	untain an

Title	Recoded
Manual Reconfiguration (IORFG)	No
I integral system. The capability of controlling hardware (e.g. switchin TTY or MSP), or controlling softwar functions (e.g. enable/inhibit prin full operational vs. backup program not be part of this demonstration.	g SRAPs, e touts, s) will
Title	Recoded
Select/Inhibit Printout of IF Messa   (INPR)	ges No
integral system. There will not be   printout of IF messages.	any
	Recoded
Interfacility Test Program Operatio   Function (TKOF14)	nal No
integral system. Only FP, AM and C	X inter-
Title	Recoded
IMPLIED FUNCTIONS	Но
This section provides technical con	tent but
	This function is not required to ma   integral system. The capability of   controlling hardware (e.g. switchin   TTY or MSP), or controlling softwar   functions (e.g. enable/inhibit prin   full operational vs. backup program   not be part of this demonstration.

Sub-section	Title	Recoded I
4.1	Beacon Readout	Yes I
	This is a priority   function	
Sub-section	Title	Recoded
4.2	Handoff Accept/Recall	Но I
	This function is not required integral wastem. Handoff probe implemented for this demon	to maintain an   cessing will not   ctration.
Sub-section	Title	Recoded
4.3	Handoff Initiate	
	This function is not required integral system. Handoff pro be implemented for this demon	cessing will not stration.
	<u></u>	
	Title	Recoded
Sub-section		
	Terminate Control	Yes
	Terminate Control	Yes
	Terminate Control	Yes
4.4 Sub-section	Terminate Control	Yes
4.4 Sub-section	Title	Yes

Sub-section	Title	Recoded
	Inhibit Blinking "DM" from a FDP	
	This function is not required to m	aintain
Sub-section	Title	Recoded
4.7	Abbreviated Flight Data Entry	Yes
	This is a priority 1 function.	
Sub-section	Title	Recoded
4.8	Initiate Control	Yes
	This is a priority 1 function.	
Sub-section	Title	Recoded
4.9	Implied Beacon Code Modify	Yes
	This is a priority ? function.	
Sub-section	Title	Recoded
4.10	Override Interfacility Display   Presentation	Ко
	This function is not required to mintegral system.	

Sub-section	Title	Rec∋ded
4.11	Remote Tower Display Keyboard   Functions.	Мо
	This function is not required to   integral system. Tower messages   processed for this demonstration	: will not be
Sub-section	Title	Pecoded
5.0	TRAINING TARGET GENERATOR MESSAG	
	This function is not required by   Is not required to maintain an i   system. Training target generat   not be implemented for this deno	ntegral for will not enstration.
Sub-section	Title	Recoded
6.0	CONFLICT ALERT MESSAGES	No
	This is a priority 2 function wh   the scope of this demonstration.	iich is beyond
		· - · - ·
	Additional Capabilities	

## 3.8 Display Output Processing

Display Output Processing (NAS-MD-639) primarily will be concerned with the preparation of alphanumeric track data for presentation on the display. There will also be display of selected system data (see below). Interactive keyboard responses (preview area and readout area) will not be processed. Only data originating from the retrack modules that impact tracking/display data will be processed. System parms/data will have to be initialized to some pre-determined values.

Display processing will support the display

Automatic Offset

Full, Limited, Partial Data Blocks and Single Symbols

Coast/Suspend, Arrival/Departure Tabular Lists

System Data display outputs of Current Time, Current Altimeter Setting

Display processing will not display

Preview and Readout Areas

MSAW/CA Data Blocks

IOP/DBM/MDBM Operations and Memory

Brite display Tabular List

System Data display outputs of Memory, Program Level, Test Targets, Overload Sensing and Protection, Emergency/Radio Failure/Hijack & Suspect Aircraft, Host ATIS Character & General Information, Selected Codes

Sub-section	Title	Recoded
1.0	INTRODUCTION	No
	This section provides tech   contains no demonstrable f	nnical content but
	This is an overview of som   in the current TRACON sys	stem.

Sub-section	Title	Recoded
2.0	ENVIRONMENT	No
İ	This section is administrative and contains no demonstrable functions	
Sub-section	Title	Recoded
'	General	No
i	This section is administrative and no demonstrable functions.	
Sub-section	Title	Recoded
		Recoded No

Sub-section	Title	Recoded
2.3	MDBM Operation Description	Но
2.3.1 2.3.2 2.3.2.1 2.3.2.2	General  DBM Operation  Linked Control Word File  Completion of a Sublist  This section provides technical contains no demonstrable function  An overview of the MDBM/DBM function discussed in this section of the MDBM/DBM function of the MDBM/DBM	ons. nctions are
Sub-section		

Sub-section	Title	Rechaled
2 . 4 . 1	Tabular Display Data	Yes
	This is a priority 2 function	n.
	This function is derived fro	m the FAA
	requirements and is required	i to miintain an
	integral system.	
	The supported data in the s	y a tem
	display area are:	
	* Time	
	* Altimeter	
	The non-supported data in +	he system
	display area are:	
	* Memory readout area	
	* Emergency/radio failure/	'hijack/suspect
	aircraft indication	
	* Program level	
	* Test targets	
	* Overload sensing and pro	
	* ATIS character & general	
	Other non-supported display	
	* Aircraft which are in MS	
	warning or in Conflict	
	Rationale - Please, look at	sub-section 2.4.

Sub-section	Title	Recoded
2.4.2	Keyboard Display Data	Yes
	This is a priority 2 function	
	This function is derived from requirements and is required integral system.	
	Each keyboard connected to t   its own memory allocation w   Keyboard readout/preview   Keyboard coast/suspend li   Keyboard store track list	hich contains: (not-supported) st
	Rationale - look at sub-secti Although no interactive keybo will be supported, neverthele could enter into the system f tape.	ard processing ss. keyboard data rom the retrack
Sub-section	( Title	Recoded
2.4.3	Data Blocks	 Yes

This is a priority 2 function.

| This function is derived from the FAA

Rationale - look at sub-section 2.4.

requirements and is required to maintain an

l integral system.

Sub-section	Title	Recoded
: 2 4,4	Single Symbols	105
[	This is a priority 0 turn in	
 	This function is derived tree the requirements and is required to make integral system.	
	Rationale = look at subspecies 7	4
Sub-section 	Title	Fed ded
I. 2.4.5	P-Stack Control	N +
	Rationale = Look at sub-section 2	
	~	
1		
Sub-section	Title	Recoded
1 2.4.6	Memory Management	Nο
!	This is a priority 2 function	
! !	Rationale = Look at sub-section 2	. 2 .
1		
1 Sub-section	Title	Recoded
1 3.0	DISPLAY CONSOLE OUTPUT	No.
	This section is administrative an   no demonstrable functions.	d contains

	Title 	Recoded
	Introduction	No
	This section provides technical contains no demonstrable funct	1 content but
·	This overviews the class defined console data consisting of: Single symbols Limited data blocks Full data blocks Partial data blocks	
Sub-section	Title	Recoded
3.2	Associated Tracks	Yes
	This is a priority 2 function.	
	   This function is derived from   requirements and is required t   integral system,	
	Associated tracks are processe blocks for all tracks under a console.	controlling
	1	
Sub-section		Recoded
3.2.1	Full Data Blocks (FDB)	Yes
	This is a priority 2 function.	
	   This function is derived from	
	<pre>  requirements and is required t   integral system.</pre>	o maintain an

.

NEW YORK TRACON DEMONSTRATION OF PROGRAM RECODING REGULT REMOTE ANALYSIS DOCUMENT(U) DATA TRANSFORMATION CORP SILVER SPRING MD AUG 87 DOT/FAA/CT-87/36 F/G 12/5 AD-A189 862 2/3 UNCLASSIFIED NL.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARD (1946) A

Sub-section	l Title	Recoded
3.2.3	Command Codes	No
	This is a priority 2 function.	
	   This function is derived from   requirements and is required t   integral system.	
	Data transfer from host to sit is handled differently.	uation display
Sub-section	Title	Recoded
3.3	Unassociated Tracks	Yes
	This is a priority 2 function.  This function is derived from requirements and is required t integral system.  Unassoc. tracks are processed as limited data blocks or spec symbols on each display.	the FAA o maintain an and presented ial single
Sub-section	Title	Recoded
3.3.1	Limited Data Block (LDB)	Yes
	This is a priority 2 function.	
	This function is derived from requirements and is required t integral system.	

Sub-section	Title	Recorded
	Format of Limited March 1984	Y5
	This is a priority to the open	*****
	This function is the ordered to requirements and is required to integral system.	
	Formats of data and discusses	
	•	
cut pertion	1 Title	Ecoded
3 . 3 . 1 . 1 . 1	Position Symbol	Yes
	This is a priority 2 for tion	
	This function is derived from the requirements and is requirements and is required to integral system.	maintain an
"ubinaction	Title	Recoded
5.1.1.2	Unassociated Track 5 miles   Lea	
	This is a principle of the team	~ ^ ^ ~ <del>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</del>
	This function is der ver the control to requirements and is required to integral system.	
	Length of the leader is warinble   inches) and will be coded as a s	(zero to 1.5 ystem

Sub-section	Title	Recoded
3.3.1.2	Processing of Limited Data Blocks	Yes
	This is a priority 2 function.	
	   This function is derived from the F   requirements and is required to mai   integral system.	
 	List of conditions are documented.	
<b></b>		
******	Title	Recoded
	Single Symbols	Yes
	This is a priority 2 function.	
	This function is derived from the F requirements and is required to mai integral system.	
	   Conditions/limitations of displayir   discussed. 	_
Sub-section	Title	Recoded
	Command Codes	No
	This is a priority 2 function.	
	   This function is derived from the !   requirements and is required to ma:   integral system.	
 	   Data transfer from host to situation   is handled differently.	on display
	(	

Sub-section	Title	R# oden
3.1	Partial Data Biocls	1 <del>4 =</del> = -1
**	This is a priority 2 factor	. 4
	requirements and is required integral symbols.	t in maintain an l
	i incediar short-	
		• • • •
Subjuestion	! Titl*	} ≳eo ded
3.4.1	Format Carast Cathy	fes i
	This is a priority 2 function	en en en en en en en en en en en en en e
	This function is desired to requirements and in the size integral system.	
	Overview of formats.	i
Sub-section	Title	Recoded
3.4.2	/ Position Symbol	Tes (
	This is a priority diffeats	
	This function is one need or requirements and is required in integral system.	
	This position tymbol is an   character which identifies	
	keyboard or the letter '5"	

•

Sub-section	Title	Recoded
3.4.3	Processing of Partial Data Blocks	Yes
	This is a priority 2 function.	
	This function is derived from the requirements and is required to ma integral system.	
	Display the track if it is within filter limits. Full data blocks s display of partial data blocks.	
Sub-section	Title	Recoded
3.5	MSAW/CA Data Blocks (MCADB)	No
3.5.1 3.5.2 3.5.3		
	This function is not required by t   is not required to maintain an int   system.   1. Assumption - not performing MSA   data base and display of data   are not needed.	egral W/CA. The processing
Sub-section	Title	Recoded
4.0	TABULAR LISTS	No
	This section is administrative and   no demonstrable functions.	l contains

<b>5</b> 05-342 <b>ti</b> 00 	Title	Recoded
4	Introduction	Yes
•		•
	Theres a prior.	
	To This function is the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contra	
	The suggestion of the state of	* * * * * * * * * * * * * * * * * * *
	t interral of the	
	i i i i i i i i i i i i i i i i i i i	ti meusayes.
	Site adoptation	is stion and
!	I opaga, two give	
	The second second second	***
		****
	-	
r 1 o kiton	+ Title	Rec ded
·	and the second second	
1	absisa ist	24
	of This restion is win. The	
:	Contains   App 197	
i sa estada	7.4	fritind
	Taberra 7. 4.5°	. "
,	1 Than as a pass	
1 3 2		
!	. This is the $a$ is $d$	$\theta = \theta = 0$
•	requirements and is	3.4 a +1
	( intogral out to	
	Address at earlier and an	n i transfer fo
	Longeror estate	
1	, and not as have	
		Marine Contraction
for a contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract		

Sub-section	[ Title	Recoded
4.2.2	Format of Coast/Suspend Tabu	lar Lists Yes
	This is a priority 2 function	n .
	This function is derived fro requirements and is required integral system.	
	This lists conditions of for	
	!	
Sub-section	Title	Recoded
4.2.3	Command Codes	Yes
	This is a priority 2 function	n.
	This function is derived fro requirements and is required integral system.	
	Associated command codes wit	
Sub-section	Title	Recoded
4.3	Flight Plans	Но
	This section is administrati	

.....

- 一十四日の 大田山田の の地の日本日本

1

Sub-section	Title	Recoded
4.3.1	Flight Plans - Arrivals/Pepartures	
	This is a priority ? function.	
	This function is derived from the F requirements and is required to mai integral system.	
Sub-section	Title	Recoded
4.3.2	Format of Arr./Dep. Tabular List	Yes
	This is a priority 2 function.	
	This function is derived from the F requirements and is required to main integral system.	intain an
Sub-section	Title	Recoded
4.3.3	Single Symbol Fix Designators	Yes
	<u>'</u>	
	Single Symbol Fix Designators   This is a priority 2 function.     This function is derived from the F   requirements and is required to mail   integral system.	Yes TAA Intain an
	Single Symbol Fix Designators   This is a priority 2 function.     This function is derived from the F   requirements and is required to mai	Yes TAA intain an
4.3.3 Sub-section	Single Symbol Fix Designators   This is a priority 2 function.   This function is derived from the Fixequirements and is required to mail integral system.	Yes TAA intain an
4.3.3 Sub-section	Single Symbol Fix Designators   This is a priority 2 function.   This function is derived from the Fix requirements and is required to mail integral system.   Title	Yes  TAA Intain an  Recoded
4.3.3 Sub-section	Single Symbol Fix Designators   This is a priority 2 function.   This function is derived from the Fixequirements and is required to mail integral system.	Yes  TAA Intain an  Recoded

Sub-section	Title	Recoded
4.4	Brite Display Tabular List	No
4.4.1	   Landing Aircraft - Brite Displa	y
4.4.2	Format of Brite Display Tabular List	
4.4.3	Command Codes	
	This is a priority 2 function.	
	This function is not required by	y the FAA and
	is not required to maintain an integral system.	
	1. Assumption - not processing	Brite display

Sub-section	] Title	Recoded
4.5	MSAW Display Area	Мо
4.5.1 4.5.2	 	
4.5.3	Command Codes	
	This is a priority 2 function.	
	This function is not required by the is not required to maintain an integ system.	
	<ol> <li>Assumption ~ not performing a tracking, conflict alert, MS</li> </ol>	

	Title	Recoded
5.0	SYSTEM DATA DISPLAY OUTPUTS	No I
; 	This section is administrative and contains no demonstrable functions.	į

Subisection	Title	Recoded
5.1	   Introduction	Yes
	This section page. Training ontain no den the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following the following th	na. Instent but  dista on the  dista onte
5-b restion	Γ1t1~	Recoded
5.2	Current lime	140
	This is a priority A . is been	n .
	This function is described from the requirements and is insuited lintegral system.	
Sub-section	1 Title	Recoded
5.3	Current Aitim to. 1 1 4	Yes
· · · · · · · · · · · · · · · · · · ·	This is a print of	· - · · · · · · · · · · · · · · · ·
		S PERA TOTAL A.

Sub-section	Title	Recoded
5.4	Host ATIS Character and Gen. I or Unique Designator Gen. Info	
	This is a priority 2 function.	,
	This function is derived from requirements and is not requir an integral system.	

Title	Recoded
Selected Codes	No
This is a priority 2 funct  This function is derived f requirements and is not re an integral system.	rom the FAA quired to maintain
	Selected Codes      This is a priority 2 funct     This function is derived f   requirements and is not re

Sub-section	Title	Recoded
5 . 6	Emergency/Radio Failure/Hijack &   Suspect Aircraft	No
	This is a priority 2 function.	
	This function is not required by the is not required to maintain an integral system.	
	1. Assumption - not processing multiple (emergency).	functions
	2. Emergency indicator will not be sl the system data area but will be in the full data block area.	

u se s <b>e s</b> e se un en	2 · 1 · 1	£1.0 <b>de</b> n
	,	Arloden   
		. !
	•	
		- 1 
		• 1
		- }
		1
	·	· · · · · · · · · · · · · · · · · · ·
		· <del>- ·</del>
		1
		:
		• .
		. : 1
		1
		e e e
		· · · · · · · · · · · · · · · · · · ·
		'

•

••

Sub-section	Title	Recoded
5.10	Overload Sensing and Protection	No
	This is a priority 2 function.	
	This function is not required by the state of the state of the system.  I assumption - not doing SRAP has been processing.	tegral rdware
Sub-section	Title	Recoded
Sub-section	<del></del>	Recoded No
	Title	

Sub-section	Title	₹e paed
6.0	PREVIEW/READOUR AREA DITTO TO THE	5 No
	This is a priority of the month of	
	This function is not remarrable, the is not required to wearth a solution is system.	e FAA sout o
	Readout area (f., to line, combine)   area. •It is upen to displied theid   message entries and data as a semble   keypoard request	keyboard 1
		er en gran er en gran er en gran er en gran er en gran er en gran er en gran er en gran er en gran er en gran e
		v en
/		
	( Title	Federated (
7 0	SLEW ENTRY DEVICE OUTFOLT	N I
	This is a priority 2 feastion	
	This section provides to boldal con- contains no demonstrable functions	common byt
Sub-section	Title	Recoded
a ^		No [

Sub-section	Title	Recoded
8.1	Automatic Offset - Introduction	No
	This section provides technical   contains no demonstrable function	ns.
Sub-section	/ Title	Recoded
8.2	Active Track Automatic Offset	Νο
	This section is administrative and no demonstrable functions.	nd contains
	Title	
8.2.1	Offset Conditions	No
	This section provides technical   contains no demonstrable functio	ns.
	<sup>'</sup>	
Sub-section	Title	Recoded
8.2.2	Offset processing	Yes
	This is a priority 2 function.	
	This function is derived from the requirements and is required to integral system.  1. Automatic offset used to present of track info.	
~		~~~~~~~

Sub-section	Title	Recoded
9.0	DISPLAY REFRESH RATE	No
	This is a priority 2 function	
	An equivalent function is being a large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of the large of t	

#### Additional Capabilities

- 11. There will a method of displaying a history trail of a track.
- 12. There will be the use of a color flag used to display color on the display. Although the demonstration is performed without color, future anticipated demonstrations will use color.

#### 3.9 Interfacility Data Transfer

Interfacility Data Transfer as specified in NAS-MD 640 contains the functional requirements between NAS Enroute Stage A and NY TRACON. The data are classified as operational flight data, track data, test data and related responses. This module is used as the primary means of entering flight plan data into the system.

Sub-section	Title	Recoded
1.0	INTRODUCTION	No
Sub-section	Title	Recoded
2.0	ARTCC-NY TRACON OPERATIONAL FLIGHT   DATA TRANSFER	Yes
	   This is a priority   function.	
	<u></u>	
Sub-section	Title	Recoded
   2.1 	Flight Plan Message (FP)	Yes
	This is a priority I function.  It is used as a mechanism to obtain plans. This includes departure fl. arrival flight plans, overflicht pl duplicate flight plans. No respons be generated for these messages.	n flight ight plans, lans and ses will

Sub-section	Title	Recoded
2.2	Amendment Message (AM)	Yes
Sub-section	Title	Recoded
2.3	Cancellation Message (CX)	Yes
	This is a priority 1 function.	
Sub-section	Title	Recoded
3.0	I ARTCC-NY TRACON AND ARTS TO NY I TRACON TRACK DATA TRANSFER	No
	Track data transfers will not be portion this demonstration	rocessed
Sub-section	Title	Recoded
4.0	ARTCC-NY TRACON 1831 DATA TRANSFER	No
		onessed
		<b></b> .

Title	Recoded
NY TRACON-ARTCC AND NY TRACON-ARTS   RESPONSE MESSAGE TRANSFER	 Ко
for this demonstration. However, t   will maintain the ARTCC ACID/TRACON   relationship to process subsequent 	he system TCID messages.
	<del>-</del>
NY TRACON-ARTICO OPERATIONAL FLIGHT   DATA TRANSFER	No
i i	
fitle	Recoded
NY TRACON-ARTCC AND NY TRACON-ARTS   TRACK DATA TRANSFER	No
1	
	NY TRACON-ARTCC AND NY TRACON-ARTS RESPONSE MESSAGE TRANSFER Response messages will not be imple for this demonstration. However, t will maintain the ARTCC ACID/TRACON relationship to process subsequent  Title NY TRACON-ARTCC OPERATIONAL FLIGHT DATA TRANSFER Interfacility outputs will not be implemented for this demonstration.  Title Title

Sub-section	Title	Recoded
8.0	I NY TRACON-ARTOO I SE SEA TERRESER I CTRY	No.
		elemented :
Sub-section   Sub-section	Trate	Paloded
( 3.0 	AREITHE BRACIN AND AND AND INCOMES THAT IN THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF T	ЯF
	Response messages will not be proce for this demonstration	essed
Sub-section	Title	Resorted
, 10.0 i	DISCARDED MESSAGE	Yes
	In addition to me. In a minimum of a recognizable or Te. — to me. It held mesonder will be discarded Instructed Truncts (TA) I Truck Update (TA) I Test Data Truncter (TA) I Acceptance Mesonge (DA) I Retransmit Mesonge (Ta) I Repection Mesonge (Ta) Data Test Mesonge (Ta)	

Sub-section	Title	Recoded
11.0	RETRANSMISSIONS	Ко
	No messages will be transmi   demonstration.	
Sub-section	Title	Recoded
12.0	MESSAGE PRIORITIES	No
	Output message priorities a   because no messages are tra	insmitted.
	Additional Capabilities	
There will be n demonstration.	o additional capabilities provide	d for the

### 3.10 Bulk Store Flight Plans

This document (NAS-MO-641) specifies the fortional inquirements for pincer into a Store Flight Plant. This function is be a constant of this given it also.

Sub-restion		£+ , 4)	∙d İ
	earl was a result		;
HAS-MD-641	For Bulk of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the St		i
	1		
•	[ This is must be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen to be seen	7 10 . 71	1 1
	1 10 5 5 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. integral	
	( sorten.		1
	1 - 1 - 1 - 1 - 1		- 1
			i
	•		
l	Augustional Carles of er		
1	n empered en		
There will be no	avititanai sapana	. 1:0	
l demonstration			

# 3.11 Non-Executive Error, Status and Input Messages

This document (NAS-MD-642) describes the Non-Executive Error and Status Messages which are printed on the CDTs to alert users of a significant change to the system. This function is beyond the scope of this demonstration.

	Title	Recoded
NAS-MD-642	ASR-37 Non-Executive Error   Input Messages	:, Status and No
	This function is not requi   is not required to maintai   system.	red by the FAA and
	Additional Capabilities	
There will be no demonstration.	additional capabilities provide	ed for the

# To De Safe, Adams of said

Thir distance (NaSeM, 6.1), provides a winder to a sameter, used by the Str. Noperations of the

In the time distribute the part of the proof of the state of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proof of the proo

- Table 1 to the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the s
- Some of the particle of the data particles.
- \* 30 grants of the MPE attacks
- We have formulation of the preoperation of the preoperation of the preoperation (-1,0)
- ◆ 1. St. Committee by the property of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the c

Sub-section	Title	Recoded
2.0	SYSTEM PARAMETERS	Yes
· · · · · · · · · · · · · · · · · · ·		
	System parameters define data s	والأخلية الأخوا
	variable within the task progra	ims, but are
	I not site dependent. Senerally.	these are
	equated values that do not take	up storage
	space in the current system.	
	System parameters corresponding	to functions
	we are recoding will be retained	d. Examples
	of this are:	
	Bin parameters	
	SRAP parameters	
	Tracking parameters	
	CDR filter parameters	
	CTS word names	
	System parameters corresponding	to functions
	we are recoding but modifying w	vill also be
	modified. Examples of this are	• :
	DBM parameters	
	CDR data set parameters	
	System parameters corresponding	to functions
	we are not recoming will not be	
	Examples of this are:	
	Interfacility retry informat.	ion
	MSAW parameters	
	FP disk information	
	KIP parameters	
	1 On-call program parameters	

	1 1:11e	for ded
· · · · · · · · · · · · · · · · · · ·	* SITE PARAMETERS	
	TO SERVICE ARRESTS AND AND AND AND AND AND AND AND AND AND	Y
	E Site parameters :	or entra
	i Though track are	ties revisit
	The stage who are	
	: operational program	
	l dita parameters and a con-	ell material
	The mark thoughty in the end	
	4 - f *bin ar∗.	
	· · · · · · · · · · · · · · · · · · ·	
	Number of keyle on the	Struk kins
	Person Lode St	
	Asia arquire sec.	
	Auto drop area	
	Arrival fixes,	
	. Airtraft display paramers	
	l Interfacility sits in the	
	SOR firters for a contract	*1 g +
	1	
	Site nurametern orres (ii.	
	As are recoding the money	
	lom difies — Examples (f. s.)   Tam spis MDBM as so so	
	to the about minimum with a contract of	1 (311 %
	Site parameter	. fitting
	I we are not record	
	Example: of this ca	in the large t
	/ MSAW information	
	Auto gird 1 i .	
	Critical data	
	RDDM informat	
	[ SWARS informat a	
	1	

Sub-section	Title	Recoded
4.0	EXECUTIVE ASSEMBLY PARAMETERS	Но
	An equivalent function is being   the MVS/RTX operating system.     Refer to Section 3.3 of this doc   the rationale.	provided by
Sub-section	Title	Recoded
5.0	EXECUTIVE BUILD PARAMETERS	No
	An equivalent function is being provided by the MVS/RTX operating system.  Refer to Section 3.3 of this document for the rationale.	
Sub-section	Title	Recoded
	SYSTEM BUILD PARAMETERS	No
	An equivalent function is being the MVS/RTX operating system.  Refer to Section 3.3 of this doc the rationale.	provided by

Sub-shition	l (stle	Herrided
•	COMPLICE ALERT	No I
	talan ang ang ang ang ang ang ang ang ang a	
	Refer to Septimber :	e, e ghent fiz
	<pre>.     imid for this.     is not imagnific to the     isthe</pre>	the FAA and f
1	4. A service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the s	
		,
	1	· · · · · · · · · · · · · · · · · ·
l y homestion		
AFFEWBIR A	I UITE VARIABLE PARATI	Y# * 1
1	[	
! { [	This function is less   requirements A d is	
1	See the discourse start   decament for the entire	
	· · · · · ·	<del></del>
•	1 71110	Recorder.
	1	
•	I BY TRADA WAS IN THE	. ^
	· • · · · · · · · · · · · · · · · · · ·	
; ;	This facts on a line confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidence of the confidenc	
1		

Additional Capabilities

There will be no additional capabilities provided for the demonstration.

## 3.13 MSAW and Altitude Tracking

This document (NAS-ND-644) contains the design data for the Minimum Safe Altition Warning (MSAW) program. This function is not being implemented for the demonstration.

Sub-section	Title	Recoded
NAS-MD-544	MSAW and Altitude Tracking	<b>4</b> 2
	This is a priority 2 function. Tracking category, which is not of this effort.	in the Advanced t in the scope
	Additional Capabilities	
There will be no demonstration.	o additional capabilities provided for	

• •

## 3.14 Non-Executive Console Teletype Input Processing 4 On-Call Tasks

This document (NAS-MD-645) describes all appropriate action that is taken once a message is entered from a Console Data Terminal. This function is beyond the scope of this demonstration.

Sub-section	Title	Recoded
NAS-MD-645	Non-Executive Console Telety   Processing.	/pe Input No
	This function is not require   is not required to maintain   system.	ed by the FAA and
	Additional Capabilities	
There will be no demonstration.	additional capabilities provided	for the

#### 3 15 Builder/BUP & CDR Editor

As deciribed in NAS MD-696, the CDR Editor i, which the program which relies to CDR data that is collected online. The activitual of recorded on or direct, contribed for class typestilter intoinate. The included during initialization the Editor. The requested data is the reduced printed onto a designater design, usually a high or medium speed printer.

The types of mestages that CDR Edutor pricedums are instead in Appendix A of  $\Omega$  someont

The to project module limitations several measures that are extracted during normal esecution of the existing operational programs will to the extracted by the residued COR. Therefore, some messages will not on result of printed by the Fisher Toe messages that will not be required with a solution by a SNOT under the residued solution in Appendix A.

Ine printed listing, which will be generated by the respect Editor, will especially the name information that is recorded by the FAX First more grain. However, we will only produce listings for tracking data, automatic foretimes, interfacilities a keyboard. The demonstration EDITOR will be not under 3%.

Sub-section	Title	Recoded
1 9	BULLDER	NO
	An equivalent funct. in bein by Johnstial softwern, with the environment.	
Sub-restion	Title	

Sub-section	Title	Recoded
3.0	I INTRODUCTION TO COR EDITOR	No
	•	o, contains
Sub-section	Title	 Recoded
4.0	CDR EDITOR DESCRIPTION	Yes
	This is a priority 1 function	

Submonstion   Tite   ded     ded
DATA BUFFER MEADER
INITIALIZATION MESSES   Ch.     TERMINATION MESSES   Ch.     DATA DELETEXRESUME MESSES   No.     DATA LOSS   No.     MEMORY DUMP   NS.     SECTOR TIME MESSAGE   Ch.     TARGET REPORT   N.     TRACKING DATA   C.     KELEDARE ENTRY MESSAGE   Ch.     AUL MATIC FUNCT, N. N.     INTERFACILITY MESSAGE   N.     MSAW ALARM MESSAGE   N.     MSAW DISPLAY WARHING MESSAGE   N.
INITIALIZATION MESONS CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF CONTENT OF
INITIALIZATION MESSES  TERMINATION MESSES  DATA DELETERRESUME MESSAGE  MEMORY DUMP SECTOR TIME MESSAGE TREGET REPORT TREGET REPORT TREGET REPORT TRECAME ENTRY MESSAGE  AUT MATIC FUNCT, N. M. M. INTERFACILITY MESSAGE MESAN ALARM MESSAGE ALTITUDE TRACKING MESSAGE MESAN DISPLAY WARNING MESSAGE MESAN DISPLAY WARNING MESSAGE MESAN DISPLAY WARNING MESSAGE
TERMINATION MESTAGE  DATA DELETEZESUME MESTAGE  DATA LOSS  MEMORY DUMP  SECTOR TIME MESSAGE  TREGET REPORT  TREGET REPORT  TRECTING DATA  KRIEDARY ENTRY MESSAGE  INTERFACILITY MESSAGE  MANALARM MESSAGE  ALTITUDE TRACKING MESSAGE  MSAW DISPLAY WARNING MESSAGE
DATA DELETEZRESUME MEGGALE H DATA LOSS NO MEMORY DUMP NO SECTOR TIME MESSAGE THE TIREST REPORT N TRACKING DATA KELEDARC ENTRY MESSAGE LAUTENBERT COLOR INTERFACILITY MESSAGE NO MESSAGE N ALTITUDE TRACKING MESSAGE NO MESSAGE NO
DATA LOSS   No.     MEMORY DEMP   No.     SECTOR TIME MESSAGE   Thr.     TARGET REPORT   N.     TRACKING DATA   E.     KALEDARO ENERGY MESSAGE   I.     AUT MATIC FUNCT, N. M.     INTERFACILITY ME SAGE   N.     MSAW ALARM MESSAGE   N.     ALTITUGE TRACKING MESSAGE   N.
MEMORY DUMP
SECTOR TIME MESSAGE THE TRECET REPORT TRACEING DATA FRICTING DATA FRICTING ENTRY MESSAGE AUT MATIC FUNCT, Nor. 10 FINTERFACILITY MESSAGE MISAN ALARM MESSAGE AUTITUDE TRACKING MESSAGE MSAW DISPLAY WARNING MESSAGE NO
TARGET REPORT NO TARGET NO TRACEING DATA CONTROL TO TARGET NO DATA CONTROL TO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET NO TARGET N
TRACKING DATA
REJECTIFY ENTRY MERCAPE
AUT MATIC FUNCT, Not. 19   19   19   19   19   19   19   19
INTERFACILITY ME SAGE (%)   MSAN ALARM MESSAGE   M   ALTITUDE TRACKING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     MSAN DISPLAY WARNING MESSAGE   N     M   M   M     M   M   M   M   M   M
MSAN ALARM MESSACE N LAUTITUBE TRACKING MESSACE NO MSAN DISPLAY WARNING MESSAGE NO
! ALTITUDE TRACKING MESSAGE NO ! MSAW DISPLAY WARNING MESSAGE NO
I MSAW DISPLAY WARNING MISSAGE NO
I DE SEL CES DIES MESSALE
RTHATE OTO DATA MESSAGE 4
! RADAR ONLY TARGET REPORT MERRAGE #
I LINEAR EXTRACTION MISSING. 45
! MEMAMS EXTRACTION MECONOTION N
I PROXIMITY EXTRACT ON ME TYPE HE
•
Sub-contion   Title   Pended
APPENDIX B   LISTING FORMATS Y
I from the NYIRACUN ODR Elitor.
Librings for Tracking Data. Aitematic
Functions, Interfacility and Keybhard will   be produced for the demonstration

Sub-section	Title	Recoded
APPENDIX C	PARAMETERS	Yes
	These parameters are re   an integral system, and   in a stand alone NYTRAC	equired to maintain d will be included CDN EDITOR program.
	Additional Capabilities	
There will be no demonstration.	additional capabilities prov	vided for the

# 3 16 Pesnuery

This is cumment (INAS MD 667) decribe the record of this enter the enterth of this prostic sub-programs on all LIEs at the condition of the settlement of the condition is beyond the course of the LIEs at the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the condition of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of th

•	Sub restina	No. Turle Resided	i
1		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	
	NATIONAL POPULATION	Market Congression	
		This foretien is not required to the FAA and	. !
ļ		is not required to majorage an integral	1
		1. (5.4. γ ° 0.7π)	- 1
			- 1
	÷		
į		Addition Technologie	- 1
		· ·	

There will be to additional committee product to the defendance of the soft state.

## 3 17 Continuous Data Recording Process

This document (NAS-MD-648) specifies the rescalar research for Continuous Data Resording Processing (CDR).

I the NY TRACON system Continuous Data Fr. ... a has two major components: Cle tractor Control and the CDR Latractor. Curva for Control pricides manual and a tohatic switching between disk driver considers checks of the function consoled/disabled/ and checks to eee if CDR was treducing evabled in the event of a correst fault recover, deducable. In the emportation system, CDR will be written to disk display at MMT and est method, which is nearly that 170 has implement a modell. A file circetory will not be majorable in shore the access method will recover the next of a single of attention to the form condition. This eliminates the need for overload checking as an performs on the current NY TRACON CDR Extractor Control.

In the NY IRACCH system, the CIR fittra for its stop of three parts of the Constitution. Lata duffer lases Johnson institute to the purpose of the Extract rais to extruct information is a nationase areas. CIS files for bidders and place the information into output buffers. The CCR data will be braced in the demonstration by application programs at specific points string the execution of the tasks. The programs will issue a SEND to the CP intractor tasks the CDR Extractor will be responsible for recording the data in a fire that will be accessible to the offline editor program. In the demonstration for intest ICD will be performed and the substitute that will be responsible for intest ICD will be performed and the substitute that will be responsible for intesting the contesting the contesting the contesting the contestion of the performed and the substitute will be responsible for intesting the contesting the

Connection  i the gravity of the section of the provided by the Analysis of the control of the provided by the Analysis of the control of the analysis of the ATX work questing the substract of the Beginning of the Section 3.17 for the rationale.  The section 3.17 for the rationale.			
Internation   No			Recoded
Inits seiteen provided in content but dentains no deed order of softens.		1	м.
Sub-section   Little   Recipied    2.0   The General George   Niether   No    An equivalent to the desired provided by   MASARTA file cell of the desired provided by   MASARTA file cell of the desired provided by   MASARTA file cell of the desired    Refer to the Descript Continuous Data   Recording which was at the beginning of    Section 3.17 for the rationale.  The ded   The first of the descript   No    Incomplete   The descript   No    Incomplete   The descript   No    Incomplete   The descript   No    Incomplete   The descript   No    Incomplete   The descript   No    Inputs   Recorded    Thus cention   Table   Recorded    Thus cention   The descript   No    This cention   The descript   No    This cention   The descript   No    This cention   The descript   No    This cention   The descript   No    This cention   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript   The descript			
Sub-section little Recited  2.9   The General Statist No. No.     An equivalent to the disting provided by MASARIA file new distinguished with RTX work queuing members as:   Refer to the Observation of Continuous Data Recording which are a at the beginning of Section 3.17 for the rationale.    The mention   Title   Red		i lais section or a con-	recess as gentent but
Sub-section   Little   Recided   2.0   Cost Control Glade   Nie   No     An equivalent to the order of provided by   M/5/RTx file ne   Continuous provided by   M/5/RTx file ne   Continuous Data   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Nie   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie		Contains no dem   Conta	n n t sutient.
Sub-section   Little   Recided    2.0   Communication   No.      An equivalent to the continuous provided by   M/5/RTx file new order or instantation with   RTX work queuing new publics.     Refer to the Olerance of Continuous Data   Recording which was in at the beginning of   Section 3.17 for the rationale.		· • · · · · · · · · · · · · · · · · · ·	
Sub-section   Little   Recided   2.0   Cost Control Glade   Nie   No     An equivalent to the order of provided by   M/5/RTx file ne   Continuous provided by   M/5/RTx file ne   Continuous Data   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Nie   Recording which was in at the beginning of   Section 3.17 for the retionale.     Control Grade   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie   Nie			
Sub-section   Little   Recided    2.0   Communication   No.      An equivalent to the continuous provided by   M/5/RTx file new order or instantation with   RTX work queuing new publics.     Refer to the Olerance of Continuous Data   Recording which was in at the beginning of   Section 3.17 for the rationale.			
The graded part   No.   No.     An equivalent to the disting provided by   M/5/ATA file feet to the Description with   RTK work question feet notices.     Refer to the Description of Continuous Data   Recording which was in at the beginning of   Section 3.17 for the rationale.			
An equi wheat to the disting provided by 1 M/3/RTA file for a continuous muth 1 RTX work queuing to make as a the beginning of 1 Recording which was as at the beginning of 1 Section 3.17 for the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rationale.  The deficient of the distinct of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rational of the rati	300 300CION	1	
An equi wheat to the control provided by M/3/87A file ref	, n		
MASSATA file net   Continuation with   RTX work queuing menopicas:			
RTX work queuing membrations:    Pefer to the Deference Continuous Data     Recording which was is at the beginning of     Section 3.17 for the rationale.			
Recording which as as at the beginning of Section 3.17 for the intionale.  The mention Filte Re-ded  This section is a description of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the sec			
Recording which as as at the beginning of Section 3.17 for the intionale.  The mention Filte Re-ded  This section is a description of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the sec		į.	
Section 3.17 for the rationals.			
The mention Title Redded  The profite Address of the electron but the section of the section of the section of the section of the section of the section of the section of the section of the section of the but the but the but the but the section of the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the but the bu			
This region is to be by it intent but  This region is to be intent but  This region is to be intent but		1	
This region is to be by it intent but  This region is to be intent but  This region is to be intent but		-	
This region is to be by it intent but  This region is to be intent but  This region is to be intent but		*	
This region is to be by it intent but  This region is to be intent but  This region is to be intent but			
This section is to be bounded but  This section is to be bounded but  This section is to be bounded but			
This region is to be not not not but  This region is to be not not not not not not not not not not	To be start to be	7.1.0	Re ded
This retion is to be highly near but  This retion is to be highly near but  This rection is to be highly near but			
Sub-section   Title   Recoded		TO PORK THAND THE	No.
3mb destion   Title   Recided   3 1   Inputs   No		A This was a	t. ortent but
3mh dection   Title   Recoded		TO CONTACT OF demonstration	1 - *
Subjection   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Recoded   Title   Title   Recoded   Title   Title   Recoded   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   Title   T	•	į	
Substitute		· · · · · · · · · · · · · · · · · · ·	
Substitute			
3 1   Inputs No.   No.		- · · ·	
Inputs No. 1   Inputs   No. 1   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs   Inputs			
This section is to be a night of a night but			
contains no dem satisfile functions.		! This leation is a	te biji al a ntent but
		Į.	
		-	

1 prsection	. Titin	<b>;</b>
-		<i>-</i>
i 3 ?	1 Telitations	.,
+ <del>-</del>		
	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	
	* * * * * * * * * * * * * * * * * * *	
	-	
•		
	of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	
•	24*	6.
	· · · · · · · · · · · · · · · · · · ·	
w. Maria		
19	for the second	
	*	
	A	
	··· 1	
	Marine State Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control	
	Rate to the	
	Section 1	
	S.e.	

•

•

Sub-section	Title	Recoded
3 2.3	Data Buffer Output contra	or (1980C) - No
	An equivalent Direction of MVS I/O services in combined work queuing mechanisms.	
	Refer to the Overview of Recording which nowement Section 3.11 for the life	shire becamming of
Subisection	Title	Recoded
3.3	Outputs	Ŋ,
	This section provide .m.   contains no demonstrable	
	Additional Capabilities	. ,

## 3.18 Remote Display Processing

Remote Display Processing (NAS-MD-649) describes the interface between the NY TRACON operational program and the Remote Tower Cab Display (BANS) via a Communications Multiplexer Controller (CMC) and a Remote Display Buffer Memory (RDBM).

Recode of remote processing is beyond the scope of this project and will not be implemented.

	Title	Recoded
MD-649	Remote Display Processing	No
	This function had no priority	
	It is not required to maintain system.	n an integral
	1.Assumption - remote process   done.	<u> </u>
	Additional Capabilities	
There will be no	additional capabilities provided f	or the

#### 3 19 Support Software

The NASHME 650 period of documents specified in control i requirements for AID specific Software. This correspond document is a control NASHME-650 Couppies of figure SIR CINES The couper. NASHME-650C Co. This is Leader). PASHME-650C Co. This is Leader). PASHME-650C Co. This is and NASHME-650C Couppies and NASHME-650C Couppies Software 2007.

of fitting permits to the MY 10108N of the described and lift to accepte the programme load and link object product to the programme in a library rest out to perform data otherage converse.

the demonstration scates, all develops of the independent index the IBM VM of the system. VM supports both CMS CGTs of the index to its first further and MUN.

Minutes fare parch operating system.

run i dibinty manusere it, seftoure trifficons. In 10 and actomated do dress into a will be admissibled through the control of dress entering of difficulties that the form that built in the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of

(ii) that hoold and conversion infibrate we see that the resonant entries.

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1.59	Later of	~ ^ ~ 171
<pre> financhilton.fercitorio foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario foculario focula</pre>		The statement of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	. ••
in the drawn of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c		<pre>- Transfer to the control to the number of the control </pre>	
$_{0}$ , $_{0}$ is a property of the solution of the $_{0}$		3 - 1 - C - 2 2 4 + 2 2 3	
		in which approves at the so-	

J		
Sub-section	Title	Recoded
NAS-MD-650A	SUPPORT SOFTWARE ULTRA ASSEMBLER	No I
 	This function is not required by the is not required to maintain an intersystem.	
 	Refer to the Overview of Support 50 which appears at the beginning of 50 3.19 for the rationale.	
<del></del>		
Sub-section	Title	Recoded
NAS-MD-650B	LIBRARIAN	No
	This function is not required by the is not required to maintain an intestinguished.	
	Refer to the Overview of Support So which appears at the beginning of S 3.19 for the rationale.	
Sub-section 	Title 	Recoded
NAS-MD-650C	SUPPORT SOFTWARE LOADER	No
 	The equivalent function is being pr Linkage-Editor in MVS. It will gene executable load modules for executi MVS/RTX.	rate
	Refer to the Overview of Support So which appears at the beginning of S 3.19 for the rationale.	

Sub-section	1 Tulie	er e de d
NAC MD-650D		
		ters
	ing striature	
	entimmenting with second	
	to the section of the section	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	La mort company policy	1 m 1 m 1
	and the man	
	and the first of the second	
	en en en en en en en en en en en en en e	11 11
		** * 1 * 1
		<del></del> .
* · · -		
Sun sertion	a Tabah Serjahan	में के उपकेष
NAS MOH65AB	1 280.22	
enne e erekammen e e e e e e e e e e e e e e e e e e		
	Thirt for the company	· fits and
	The second of the second of the second	regraf
	service to the	,
	" Rotor + com " pr	or or or or or or or or or or or or or o
	I was a seement	ومعاولا المالية
	Soft Andrew the Constitution	
	en en en en en en en en en en en en en e	** *
	Additional Circle	
	e e e e	
There will be no .	additional carability of	in the first of the second
demonstration.		

## 3.20 Conflict Alert Adaptation Standards & Guidelines

This document (NAS-MD-651) provides a functional description of Conflict Alert. This function is beyond the scope of this demonstration.

	[ Title	, Recoded
NAS-MD-651	Conflict Alert Adaptation 5	tandards No
	This is a priority 2 function   Tracking category, which is   of this effort.	on in the Advanced not in the scope
	Additional Capabilities	

# of.12375.2 (418 01622200671.992) 15 I

This section describes the still was assumble to the No TRACON particles of the Silver will block the order of a street.

There was two classes of contractions designed to the contractions

- Tan entire with the and and a
- the operations, the contract of the following states.
- the Retrict
- · Committee to Committee to the many of the

Transport Creates recourt a transport of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the c

. The first constant for the first constant  $(\mathcal{A}_{n})$  , where  $\mathcal{A}_{n}$ 

- ta Buffer lagge
- The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
- · Committee the Manager of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr
- The standard and second
- \* 150 1055 (04)
- Seminary Dump (6)
- The March 2003
- rgat Percet (gr.
- \* Constant Data (19)
- Combined Entry (1)
- Automatic Function (12)
- · Interfacility Manager (17)

Ad to the est the Million of the Assets to the period of the period on

Subgrate the GOR of

7 . 10 . ... 9+ep

with min the ODP was

Simple transfer of the first

on the in Matrice

in the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t

- MSAW Alarm (14)
- Altitude Tracking Data (15)
- MSAW Display Warning (16)
- RB-BTL CTS Data Message (17)
- Radar Only Target Report (20)
- Radar Data Loss (21)
- Linear Extraction (22)
- MFMAMS Extraction (23)
- Proximity Extraction (24)

We will ensure that all records on the CDR tape are converted, even those that are not processed by Retrack. Records not processed by Retrack will have the message type converted and space reserved, but otherwise the contents will not be converted. The following records will be converted in their entirety to a S/370 format:

- Data Buffer Header
- Termination Message (02)
- Sector Time Message (06)
- Target Report (07)
- Tracking Data (10)
- Keyboard Entry (11)
- Interfacility Message (13)
- Radar Only Target Report (20)

The fields in the input CDR tape comprise various types of data:

- Octal bit(s) flags, data items (such as range, azimuth, time), both signed and unsigned
- Octal digits message type, beacon codes
- Octal BCD altitude
- ASCII aircraft IDs in the tracking data

- TI ASCII sharacters in keyboard in a machaged
- EBCDIC characters in interface of members

The following conversions on a president live:

- Ostal bit is to devadedimal bit stopped signed and should red
- · Setai bit a topes.
- Wital digit, to Hex digit. (Pre-Arminian) fall digits to FBCD10.
   For example, the menous type will in the concentration,
- \* The transfer of the same of the same
- Abdil to so his
- TI ASUIT to EBULLY
- EBSDIG to EBSDIG Form of the control of the state of the characters in a control worth

The decomposition restricts will imposity to the control of an of imposition of the decire type and decire to the form application of the applications of the decire of the control of the applications of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o

The legal tant CDR record, or the color of the color of the color of the transfer of the record on the input CDR time. The file is not to be consistent or the content of the record on the input file is not to be consistent or the content of the record will be converted to a color of the tield on the dock file.

#### 4.0 System Architecture

The current New York TRACON cystem comprises two subsystems:

- a development and support subsystem (offline) used to build used resolved data from the operational subsystem
- as operational rubsystem (coline) community there subsystem.
  - \*\* Data pso est ng

  - System monutiz and control
  - The set was a contract.
  - \*\* Data entry and display (including to at and remote interf.

#### Correct New York TRACON Architecture

The process is element in subsystem runs on a commercial Secry 1100 processing perioderals) under a commercial off-the-shelf operating system and utilities. The CISP) data processing equipment used by the operational subsystem.

The development subsystem uses special purpose software to build and reduce upon senerated by the operational subsystem. The operational software is coded in Ultruithe Ultruithe Ultruitheolder is particular to the IDD architecture. Of openial interest of the New York IP/CON demonstration is the CDR Editor, which reduces the data invarious on the CDR file, created by the operational software.

Assemblies and operational software builds can be done on both the 1100 and the 10r, the CDR Editor runs only on the 10P.

The current operational system subsystem runs in a multiprocessor, a set of 10.7 connected point-to-point and chared memory modules. The IDP is a UNIVAC 8300 processor. The IDPs and memory modules and attached peripherals define the 4.6% processing subsystem (DPS).

The DPS interfaces with the en route ARTCCs through a Communications Multiplexim Controller (CMC).

The CMC also provides the interface between the DPS and the Console Data Terminals, (CDTs). The CDTs provide an interactive means for the operations and system enqueering staff to communicate with the system.

Targets are acquired (from the sensors) through the sensor receiver and pricessor. SRAPL The SRAP interfaces with the IOPs through the processors' (SRAP and IOP) channels.

The CPS interface to the data entry and display subsystem (DEDS) is in two participles to the local interface directs controller data to and from the Texas Instruments solution and display (in the TRACON) through multiplexor display mimory (MDBM) of the local biffer memory (DBM) units; the remote interface (to and from the DETIC control is also in the twent) comprises (from the 10P outward) a CMC, a notice in the TRACON and the twenty (RDBM) in the twenty control is a minute of the control in the twenty and a remote display before memory (RDBM) in the

There is fire community to the statement monitor, the multiple response executive (MEE), the ART (111) of the state of There is fireware in the SRAP but no software in the constant of the constant

The bound of No. 1, at the operational submoder in maintenand through the use of annualist where to much as Idra and memory modulet, that can be swapped for failed elements.

### Haward Steel PASSMAR Changage at the Architecture

Inhalastiation system also comprises a development and an operational subsystem. In constituted subsystem, newsyer, consists of only a data processing subsystem and a data entry and display subsystem (the local interface only).

the the development and the operational subsystems will run under a single phase tipe, an IBM 52370 B th subsystems can run on a single 3083-BX processor with 3180 DADD. 3480 tape cartridge units, high speed printers and a set of each time terminate. The primary characteristics of a 3083 that set it apart from the terminate of 1830 is a uniprocessor; it executes a simpler and more robust partition of a terminate the 7380 is a uniprocessor; it executes a simpler and more robust partition of a terminate the partition of an IOP and contains 16 map time of storage. The interface to secondary storage devices, the DASO and time from run at channel speed Sapproximately 3 megabytes per second) and the devices hold graphytem of data.

The Ambelopment software architecture supports a batch, interactive, and network notes about. All software executes under VM. VM supports both CMS, the constraint all Monitoring System, and MVS, IBM's standard batch operating system other interactive under can run directly under CMS or they can use TSO under VM-MVS. TSO in IBM's standard MVS timensharing system. The New York TRACON demonstration of Chairm development tools run under CMS.

Fig. 1. The operational subsystem is designed to run under MVS, both the development of perintipolal subsystems can run on the same processor under VM. RTX, the profit of realtime control program, allows the ARTS applications to run as the programs under MVS. (RTX runs under MVS similar to the way that TSO runs and MVC for interactive work.)

In a test environment, the development subsystems can communicate with the operational subsystem through VM: programmers can create and edit the operational software under VM-CMS and send it to MVS to be compiled, built and executed the denonstration environment, the operational subsystem will run under MVS-PIX outlier (without VM and the development subsystem in the processor).

The demonstration development system, under VM-CMS, will use a set of interaction papell-driven tools, tailored to the New York TRACON demonstration, but to be commercial products. The tools include automated design issues, program to the reports, software accounting and development planning, as well as panels derived interactively run batch work, such as compilations.

The demonstration data processing subsystem will be connected to the demonstration CEDS consists of a CEDS through a 1783 BK processor channel. The demonstration CEDS consists of a Cevine Attachment Control Unit (DACM), driven by an IPM PC, and a single of display, comprising a display generator with attached data entry device a conitor.

The demonstration operational software architecture is described in detail : "5.0 Software Architecture". In summary, the ARTS applications, including Fetri, if the test mode simulated inputs driver, will run under MVS-RTX and will size the services of MVS and RTX through an applications services interface developed ( r the York TRACON demonstration. There will be no software recoded or developed to recovery or availability functions. The CDR Editor will execute under MVS-TSO after the operational run is complete.

#### 5 5 Stivare Architecture

The section is in two parts. The first subsection describes the rationale for the immotration operational subsystem software architecture and our approach to structural changes in the applications software. The second subsection is a formal at of definitions and rules describing the expected behavior of the operational amboystem software.

I has fituare associated use of the development subsystem is commercial off-the-shelp in a converview of the products and their capabilities refer to the "New York TRACES consists as a Greenstration of Program Recoding Technical Proposal." and "4.0" System is streetied.

### Threatize Contract Architecture Percription and Rationale

in the New York IRACAN operational data processing subsystem to execute as a course of the ASAN processor and interface with SANN peripherals requires that structural banges be made to the current software, which executes on an IOP.

### The Differences between the IOP and S/370

resolution supervisors bind applications programs and their data to the data criticalization resolutes (processing time, memory, channels, I/O devices, etc.) they require to do system work; e.g., track an aircraft. (This binding of work to storous and hardware is often referred to as a task.) In doing so they provide each application with an interface

- To the processor and its memory and channels
- To external data processing resourtes, such as I/O devices, communications lines and other systems
- To the application user and the operator.
- To the other applications.

the differences between the current operational subsystem and the demonstration constrainment and subsystem with respect to software architecture turn on these four merificans, the last determined by the rules for concurrency and sequential processing. (Although the 3083 is a uniprocessor, tasks will run concurrently just an in the IOP system.)

The differences caused by different generations and models of equipment, including the processor, its instruction set, etc., are documented in the principles of what no and design data for the IOP hardware and for the S/370 hardware, and will be elaborated on here. (As described in "3.0 Software Requirements", the described in tration system will process data only in IBM S/370 format.)

The demonstration operational subsystem is much more constrained than the current system in that the demonstration processor will interface only with DAED files and a single DEDS display. The demonstration operational subsystem will not process bulk flight data, and it will not interface with ARTCCT. It will not allow operator or applications user inputs (there will be a criterface to a SAAP) during it execution. There will be no realtime recovery. It will process simulated inputs from DEDS keyboards and from interfacility (APTCC) interfaces through Retrict. Retrack will read the inputs from a file regiment on a \$380 DASC, and the COR records generated by the demonstration run will be written to a file also records on a \$380 DASD.

The demonstration operational subsystem application is will be a nabbet of the digress applications, but the overall data flow and did not the processing of the overall data flow and did not the processing of the overall data flow and did not the processors. Repboard and interfection, for indice particle and interractive processors, Repboard and interfection, or respectly for collistic and buildation, and to the target acquisition or each of PRAMA for collistic and bufferings the resultant data will be used to truly the condition of collistic and trulying will pass the data that are candidates for duality to the discloping of they will write it to the situation display.

In the current system the rules for concurrent and sequential election of the applications are encoded in a lattice and carried but and enforces between Because the IOP is a multiprocessor, the MPE assigns bustem with the application software in a strict time-sequenced order and then allocated the work software into an amailable IOP. The multiprocessor achie as maximum consciency by elections programs on multiple computers, at the same time. The crimary breathers are the operated architecture is this the IOP tasks created in the demonstration busy. (This is not the case in the demonstration by system 1)

In the demonstration system, the rules (described in the religion of the following) be implemented through a combination of upon of the religion, for the perating instemination of upon of the perating instemination of upon of the rules are not as rigid, no lattice in remove to like orall flood operating of the rules are not as rigid, no lattice in remove to like orall flood operation of data through the applications will be the owner of both so term. But the periture, or characteristics of the SC370 3083-8X process rules and hardware. But the periture of simplify the synchronization and binding of wire to software and hardware. In place of a lattice, a set of tables will be generally of describe the number and priority of each application task and the resources of a life of the continuous of the life need. After system generation the scheduling and firmulations of the life she current system, tasks wait for work and execute with of the constraint of maximizing system resources.

Monitors and Operating Systems

The supermisor we have chosen to control the evenution of the AFID applications to MVS. MVS is a general purmose operating system, unlike the MFE, the MAS Minitor and Host Monitor, which are monitors.

The control of control of superminates whitten to a night the execution of the investment of the execution of the investment of the execution of the superminate of the control of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination of the supermination o

The temporary wide a complete data processor entered at the typically, the street feet at a published liber was selected in the processor of processor at a processor as wide crossing of hardware models on a continuous selected within the compation of the feet at the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor o

product the stains a begin in the result to the temporal perter, carried surge buffer management one classy storage purposity etc.

The protection of support sorrides to eak east adoptable to the protection of supporting these services are a number of the following list identifies the primary services and the

- - - - EAST

- ising - 385

..... e ... municement - iMS. SITS. 828 (SAL)

Therestive development in 150.

Sussificate systems of Fig. Ada.

. The state resulting systems is limited. IBM has concentrated its operating one for realistic systems in the Federal Systems Division. A resulting some some some by ESD-Houston in the 1960s to support space missions.

1980s the growth in realistic systems, or modernizing existing systems are effort to provide a general purpose control program. The

original Houston control program was modified and called RiX. If is now the supporting several large-scale realtime systems for NASA and the U.S. Air Force

RIY is a small set of programs that allows resolve constructions to one the respect of MVS or not unlike TSD, which allows MVI to provide its interestive developed to Because the processing constraints of realtime to two wars greater size to a constraint (data bare, etc.). RIX is a markedly make an itering to as to other outstands of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the application, any interrupt constraints and constraints of the service request by the constraint of the evolution of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints of the constraints.

AVERAGE PRO	CESSOR TIM	ungs	(4500)	- 1
Proting	MVS		with RIX	1
и се се с Стори Мажто П	755	1	a	
	1183	+	•	- 1
Tale Michighenista	180)			

Then once if the AFI. Applications of the applications transformed and section of the AFI. Applications from the confidence of the applications environmentations of the program terms of the applications transformed program transformed the applications transformed and confidence of the applications transformed and confidence of the applications and program of the applications of the applications of the applications of the applications are proportions.

is Approvable. Minimized with a impayt of the scharal Changes.

A realtime application typically contains these parts:

- An interface to the supervisor to receive work and send it to another
  application asynchronously
- An interface to the supervisor to acquire internal data processing services, such as time and memory, while performing at a real world pace
- An interface (through a supervisory sccess method) to request 1/0 services, including the check-pointing of data for recovery
- An interfere sigh a data back inal ensures a deadlock-free and coherent system of the
- The algorithms that perform the functional capability.

In transporting the ARFS applications from an IOP architecture to a \$/370, our objective is to isolate the algorithmic part of each application as much as possible, thereby maximizing source code traceability from one system to the other. We have achieved this through architecture and design.

The applications software topology is an internal network, much like a system that is functionally distributed across different processors; in this case the processors are internal tasks. Each task owns the data that it needs; global data is minimal. Tasks communicate with each other similar to processors in a network, through well-defined messages. All I/O requests have been localized in three tasks, interfacing with the input CDR file, the output CDR file and the DEDS.

### Deleted

Within tasks, an application receives requests for work in a single program called a gateway. (The model for a gateway is provided below in "5.2 Operational Software Architecture Definitions and Rules".) The gateway interfaces with RTX to receive work and call the appropriate application routine to process the work.

#### Rationale for Application Software Changes

The following chart summarizes the rationale for changing each of the major ARTS application tasks being converted. There are five factors that may change the structure and content of a task:

(1) Operational constraints: the demonstration will operate in test mode
with additional constraints; unlike the field system, we will not support
recovery, we will not allow operator inputs during the run, etc. (refer to
"3.0 Software Requirements")

- (2) Functional requirements: the demonstration system will not develop all the functions (as described in a particular NAS MD) specified for a functional area (refer to "3.0" Soft are Requirements")
- (3) Architecture: as described at a thorax will be changed due to the impact of a new system and software architecture.
- (4) Ada design: Ada enforces decim properties that may or may recongruent with the design properties recollains for mothe original hew recongruent software design.
- (5) HOL (Pascal/VS): the effects that no by the recoding of ULTRA sour / code into a high order language

Each change is assigned a value of high, medium or low. If the change in assigned is value of low, it means that the rationals for change, our more a different architecture, is not much of a factor in convening that applications. If the obline high, that particular rationals for change is a distribution of factor. The value high, medium or low is not related to how well the resulting density protects as an future changes in each of the areas; on the contracy, because of the steps with taken to host the applications in an environment that makes them easy to modify a portable, the value with respect to future changes would be low.

Tast	Fac-1	Value	Rationale
1	tors		1
CDR Editor	(1)		Deerational concepts: similar
•	(2)		Fewer report types
•			1. In Schill maderness of 1. Ill.
	14.		l Manamai data andoopisation
•		Consult.	CONTRACTOR STATE OF THE CONTRACTOR CONTRACTOR
1 Restance			
A Review			ର ଓ ଓ ଜଣା କଥା । ଏହି ଓ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ
1	1 3 5 7		Drawer malpholom a go Juan, patra
1		-	3-370; software interfaces
1			Data hiding concepts
	(5)	Medaum	Data types & control structures
! CDR Extraction	1 (1)	Medium	No recovery from data loss disk
1	(2)		No filtering: entraction an appli
i	1 (3)	Hich	1 S/370 standard I/O interfaces
i I	1 (4)	Low	Minimal data descriposition
1	(5)	Low	(2) and (3) requires recode
			1 (E) and (3) Esquites issues
DEDS Access	(1)	Medium	No keyboard; no bankup
İ	1 (2) 1	Low	Similar functions
i	i (3) .		New technology display
i	! (4)	-	Minimal data decomposition
İ	(5)		Will use AL and Pascal/VS
_~~~~~~~~~~~~~~~~			~
Interfacility	1 (1)	Medium	No ARTCC interface
I	(2)	High	Markedly reduced functions
1	(3) i	Medium	New software interfaces
!	1 . to i	Low	Minimal data decomposition
t	(5) 1	Medium	Data types & control structures
Keyboard	(1)	Medium	No keyboard
ı	1 (2) 1	High	Reduced functions: no KIP
1	; (3) i	Medium	New software interfaces
1	(4)	Low	Minimal data decomposition
!	(5)	Medium	Data types & control structures
PSRAP	(1)	High	No SRAP; no recovery
I	(2)	Medium	Reduced functions
1	(3)	Medium	New software interfaces
!	(4)	Low	Minimal data decomposition
	(5)	Medium	Data types & control structures

Lank		Fac. torr		Vario	ł i	
			•			
						ho .*; .
						Secret for
	-					New that strain and
		14				Mark the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of
		131		History	Í	Algorithms (Algorithms & Algorithms)
						t. Tigan in the sign of the state of the state of the state of the state of the state of the state of the state of
m t a						i de la companya di mangantan di mangantan di mangantan di mangantan di mangantan di mangantan di mangantan di Mangantan di mangantan
						Mew of the invinted for en
						Moderate difference interior
	ı	1 17 7		_ [** cd ; ** L**]	•	Datu traen e la praintrantagen
. mm-n Updateabi-		ri,	í	Low	1	No. 11 to 1
hata						Direct to a great content of
				-		Control of all and a
						Significant and the
						Date time a continuation of
COR Conversion	1	CO	1	Leva	ì	Offline me atom
	į	(2)	í	Medium	í	Not all merciage to sent consisting
	į	(3)	ı	High	1	tange gas word to be the training
		143	į	Lou	÷	Ofti e consitur
		:57		Medicon	,	Pr Common out of march

### Ratura de for a Formal Armaitenture

The rest sends in describes the Francian of the first sending of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the first sends of the f

The definitions and rules that foliou define the schirector like operating environment (MVS. Papial/VS. Fig.) represent the specimentation. The architecture must stand on its works a working model, werelt to implementation scriteria imposed on it by the tools. So the extinction is a mapping of the intended behavior to the implementation tools. MV: Res. vol. Pascal/VS.

### 5.2 Operational Software Architecture Definition; and Rules

#### Introduction

Software architecture describes the mapping of system application work and system operations work to the software. The architecture should answer the questions: Where it the units of wish and the units of software incliding the major data bases? Pru are the cork units allocated to the software units? How is the work synchronizer). How do the obtaware units appropriately are content. And have do they carry out their work ising conditions as a socienting resource, so, such as the processor, its storage of 1/2 concrets.

#### Scope

The description that follows defines the ctircture and behavior of the coline system (see definitions). The offline work, identified below, will be performed in a standard, batch environment. We are not developing any software to control the flow of work through the offline system; the software architecture is provided commercial-off-the-shelf, viz., VM/SP and MVS

There are two types of work required of the New York TRACON software system: applications and operations (the work required to start, monitor and control, and terminate the system, regardless of the application).

The description of the software architecture pertaining to system operations (see definitions below) is limited; the text concentrates on the software architecture of the applications work and the software services required to perform it. The New York TRACON demonstration system's support for system operations is limited to the capabilities provided by the commercial-off-the-shelf operating system, MVS. MVS provides the capabilities to allow the operator to start and terminate the system.

### Objective

The objective of a realtime system softwise considertize is to second and the as possible the rules for software decomposed in the decempental decision for sequential design (s), for concurrent decision (s), and for system perform while while modeling as closely as possible the beautiful the real world. The discount state the invariant conditions between document of the rules for one for example, should not be defined without regard for their impact on the rule etc. There should be as few rules as possible, while example all the indicate (defining a rule that all modules should exercise sorticities satisfies the condition but avoids entirely the second:

The New York TRACON demonstration by the software accomplete read the rule of a software and post is defined below in more application, and method specific to a first developmental design is described in terms of larger of Ada packages; the constitution of the resolution of what defines a TRACON Aid postage to thich requirement are consistent within each package; the constituent are consistent of subtractions and the performance in terms of SZOZZO MVS. and RIX penaltics.

#### Definitions (in alphabetical order):

- Ada package: a software unit that has a specification part and a body that
  defines an abstract data type and behales as a state machine.
- Applications: the ARTS work exclusive of operations, tracking for example;
   che sortware that automates that work

integrates the magnetic values of data through which the system and the real in limitial model communicates behave and radar targets, tracks and first to

- Application of the rise containing system application messages, that
  define the processing constraints of the software; a process must complete
  one system application work unit, such as a track, before starting the
  next.
- Application work station commands an integral input from the system application work station
- ARTS: system that automates the work of TRACONs and their associated sources. Automated Radar Tracking System.
- Batch mode: <xecution of an offline program non-interactively.</li>
- Concurrent design: the rules that describe how subtasks (see below)
  interact as they compete for system resources (processor, channels, data,
  etc.).
- Controller command: a keyboard action from the DEDS
- Controller sector: an area of real airspace mapped onto display coordinates that composes an application work station.
- Conversation: Two-way communication between processes.
- CDR: continuous data recording (logging by category).
- CTS: central track store (the set of track records).
- DEDS: ARTS data entry and display subsystem.
- Flight: the set of data that defines and characterizes an aircraft controlled within ARTS.
- Sateway: a set of programs and data that provide the concurrent interface control for a package.
- Interactive (I): a process initiated by an external input that may intercupt and modify the flow of data through the system.

- Interactive application work stations The device (the DEPS) sinclusing hardware and software), functions and people that interact with the control to create, observe, modify or delete switch application work.
- Level-1 package: the top level software pairs. That compose the monitor and application software in sequential desire of the Ada packages that de include top level abstract data types: in a subscript design, the subtasks see below).
- Level-2 package: an implementable module that decomposes from a le electron package.
- Monitor: a set of programs and data that provide data and control synchronization for the software system without knowledge. A the application.
- MVS: IBM's batch operating system.
- Online: a run (or execution) of the New York TRACOH operational. The The online system runs under MVS RIX.
- Offline: a run deparate from an online run; a data processing orbitishing under MVS (but not under RTX) or VM.
- Operational mode: running the ARTS with live target and live of tenteraction == as it would be run in the field.
- Operations: work required to run the system chardware, software and book interface to them); the software that automates that work, so the run cononline operating system.
- Operations messages: units of data through which the system and the horeor machines running the system communicate.
- Operations work: units of data containing system operations messystem
- Operations work station: The device functions and people that interact with the system to schate, as is, a delete system operations work.
- Pipeline (P): a set of processes that execute in order: grocess A profession.
- Process: the execution of a subtask that operates on a unit of  $\mathsf{app}((x,x)) = \mathsf{work}$  .
- RTX: IBM control program running under MV5 to provide realtime services to applications running under it.

- Second-order messages: application messages that modify the state of a track or a flight
- Sector: a subset of an antenna scar, there are 32 sectors per scan, a sector's worth of tracks or targets.
- sensor: a unique ladar antenna: a full antenna som of talgets.
- \* Dequential design for decomposition of one confines system into pairs one frame for a confine into pairs one frame for the confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine confine
- Software measures First of differ through which packages communicate.
- Subtask: a set of confications referred that operates undependently, and
  is dispatchable under MVS-RTX, the binding of a work unit to a level-1
  package
- Targets: a set of beacon and radar messages.
- Tack the automatic elecution of system work under the control of an operating system that allimates and monitors all the system resources (channels, devices, memory, programs etc.) required to perform the work.
- Test mode: running the ARTS system using simulated targets, flights, and controller commands.
- Track: a computer model of an aircraft's position and velocity. -maintained in real world and display coordinates; a dynamic record of the
  aircraft's behavior.
- Type: a specification of the operations that can be percormed on a set of data.
- Work hierarchy: a tree of categories of work units; categories are numbered from 1 to n. where 1 is at the top of tree.

### Packages and their Attributes:

The figure below describes to application (ed.) politics, 9 on one, and 1 officine the CDR Editor; and 1 monitor MJ pauline. The control is not Termination, . Mesoage Control. 3) Timing Control.

The Level-1 Ada radwage name is noted on the control of the result of the region below.

#### Monitor Packages:

The Initialization and lemmination package will in  $x^2$  order initialization and termination to synchronize startup and should be

A pair of services. Send and Federice will provide a more for commons ofter between subtasks. Send and Rederice will be provided in the Sociage intrological that provides communications error checking one communication and buffer management.

Timing Control will ensure that all system cork completes on time as it moves through the system, and will provide timer services to the other nankages.

Initialization/Termination (TM:00000)
Message Control (TM:00000)
Timing Control (TM:00000)

#### Application Packages:

The accilipation packages decompose the New York PACOM demonstration system at the tap length larger  $\Gamma$  . Each of these in , purpose the source  $\Gamma$  in  $\Gamma$  ,  $\Gamma$  purposes

There are 5 classes of application packages, such with specific dittributes

- Interaction
- · Papalara P.
- Data 10:

Offline, the offline marksys the COT Editor, riso tends the fore the operational diffuse. It rose under VM is obser DMS. It were the Isomore to endry an my the original everytish as appared, will generate a notice of the Isomore the original everytish as appared.

the officer mackage. CDR Convertions comments the invest CDP time from 9-track ULIRA commat to Fascal/VS format resource and processable by the demonstration system.

COR	Editor	(TM04\$\$\$)
٠. ٠	Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Compan	(TM140999)

Control others are three control packages:

· Makey	+ 1500 5 \$ 2 0 5
JDP Extraction	( [ MA 6   135 5 ]
DEDS Acres	<pre>c7Mn780861</pre>

Although mach prokage has unlowe attributes, the operating attribute that binds them is that they are responsible for controlling the applications work, its synchronization and flow, as it interacts with I/O devices.

The DEDS Access software will be largely commercial off-the-shelf; a small part of it will be developed.

Internation applications packages that can run as processes and receive their input only from Control packages, they process applications work without knowledge of lateria and Data operations and can access Data packages concurrent with Pipeline on wages and other interactive packages. They may converse with pipeline packages: there is a constant of the packages of the packages.

Interfacility
Keyboard

Piperine: applications willings that it to get refer to k Subtrol package or wasther Pipeline parkage to the court to a creek form parkage and can size of Suti packages and can size of Suti packages will be written as the court of the canonical packages and canonical packages are considered to the court of the court of the canonical packages are considered to the canonical packages and canonical packages are considered to the canonical packages are considered to the canonical packages are considered to the canonical packages are considered to the canonical packages are considered to the canonical packages are considered to the canonical packages are considered to the canonical packages.

10,000

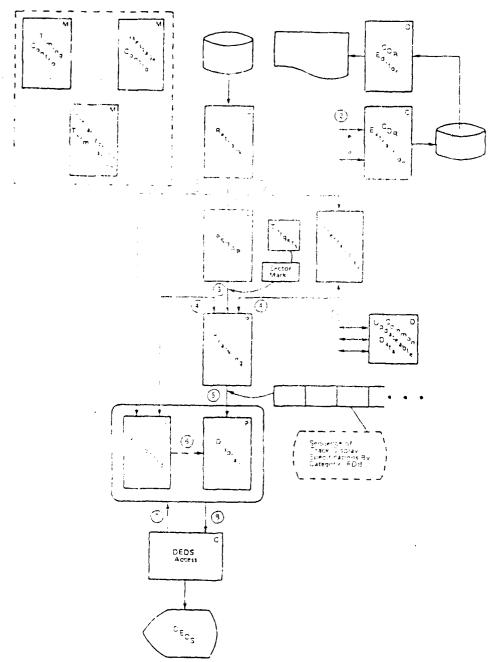


Fig., a ' New York TRACON Demonstration Operational Software Architecture

#### Rules:

#### I. System Work

- The demonstration system will run in that make the unit will be permitted into the system except from the Duk input file doing execution.
- The indivisible units of system quarter with the application messages: matargets (brains as a refer of the confidence).
- The work hierarchy for the system application work is:
  - 1 CDR record
  - 1 controller sector
  - 1 = application work station command ( command)
  - 1 TRACON airspace
  - 1 sensor
    - 2 sector
      - 3 target
      - 3 track
      - 3 flight
- In test mode. CDR records == containing the commario defection of flights, etc., from an earlier run of one and from a CDR File or and new CDR records are generated by the applications of the CDR oxidate.
- A controller sector is a subset of a property argument of application work station. It represents the set of tracks and twithin a sensor that are eligible for display.
- An application work station command is a measured or.
   In test mode the commands will be read from CDR resords at a product directly to the Keyboard package; in operational mode command directed to Keyboard from the DEDS Access package.
- A sensor represents the targets (and other messages) that are crain interpresent of through a SRAP from a single antenna. The internal represent of target and track data will be sorted by sensor.

- A sector is 1/32 of an antenna sweep -- all the targets and tracks that lie within that wedge. The internal representation of target and track data will be sorted by sector.
- In operational mode, targets enter the system through a SRAP, as a continuous sequence of messages) in test mode, the messages are read from TEF tenoride.
- Charlie in a createst action thousand by the arrans of a fivere in as a result of the inaccipt of a directed bearing region. On the directed in tention on the arrans of a rough hands. On the administrate ARTS or NAS facility in a market of the interfacility and tracks will be automatically initiated or will be automatically and keyboard inputs.
- In operational mode, flights enter the system from an adjacent facility or through a batch chulk) sequence of pre-defined flight plans, or manually, by human command. In test mode, flights will be read from CDR records simulating the interfacility and keyboard inpute. (The test mode, bulk flights could be read from a tape as they would be in operational mode; but, for the demonstration, these will be no built processing.)
- Sensors, sectors and controller sectors contain integral target and tracks.
- $\tau$  CDR records contain integral targets, tracks, flights and work station commands.

### II. System Parts and their Work

- There will be six classes of level-1 \_ ... iges (see sel.w).
  - Monitor (M)
  - •• Offline (0)
  - •• Control (C)
  - •• Interactive (I)
  - Pipeline (P)
  - •• Data (D)
- The Initialization and Termination package (M) will synchronize to the startup and shutdown by sending and receiving notification with the messages to and from the other packages. It will process regulator requests to start and stop the job. (In operational mode there would be an interactive interface with the operator; in test mode, the increasor will cancel the MVS job and there would be no interaction with the package.) If the run is terminated gracefully for other resists a processing timing parameter is exceeded, this package will be its retained data will include the names of the other package information about their processing states.
- Message Control (M) will field the communications primitives isomethic to other packages and interface with RTX to provide the appropriate space) resources.
   Deleted
- Timing Control (M) will periodically determine if the pipeline deadliner are being met; if they are not it will record the event.

  Its retained data will include the critical system events and include elapsed times for each. It will terminate processing if i critical does not occur within the expected time. It will provide a services to the other packages.
- The offline package, CDR Editor (0), will execute in botch mode under VM. It will read the CDR (output) file (on the original and generate a listing of the online system's journal. The listing show that the demonstration system functions are equivalent to these in the current New York TRACON system.
- The offline package, CDR Conversion (0), will, execute in batch mod. ........

  VM. It will read the CDR (input) file and convert the CDR messages from ULTRA format to PASCAL format. All fields in messages processed demonstration system will be converted. Time will be converted. 1/1024ths of a second to 1/1000 of a second (milliseconds).

The online application packages and their primary work omits are:

DEDS Access (C) == Software messaged
Retrack (C) == CDR records
CDR Extraction (C) == CDR records
Interfacility (I) == Flights
Fryicard (I) == Flights
Target Acquisition (P)== IRANON airconse
Tialking (F) == Flight Notice (P)== IRANON airconse

tall, and tradeto its po

work that r

Deleted

- The DEDS access package provides through commercial off-the-shelf and developed software the rink level IZO purport between the Display Dutputs application and the DEDS Because controlling commands (keyboard inputs) will be input from Retrack only. DEDS Zoless it support outputs only DEDS Access will use MVS services to provide channel— and interrupt-level IZO support. It will retain data about the DACU and the display generator pro-post
- Retrack will read the CDR tape containing the recorded transactions from a previous execution of the full ARTS system (not our demonstration system). Retrack will read target, controller command and flight records into its internal buffers and pass the target records to the Target Acquisition package, the commands to Keyboard, and the flight data to Interfacility. Retrack will not pass work that has already been identified on the CDR tape as in error. Retrack will send second-order messages, modifications to existing flights and tracks, to Interfacility and Keyboard. If the messages are but of sequence they will be recorded as arrors on the CDR capture by Keyboard or Interfacility. (Retrack will not interface directly with the CTS as in the current New York TRACON system.)
- CDR Extraction will receive software messages from the other online packages, transform them to CDR records and write the records to the CDR (output) file using a standard MVS access method.
- Interfacility will receive flight data from Retrack. It will check for applications errors (such as out of sequence second-order messages) and send software messages containing track-related fields to Tracking. Tracking will ensure the coherency of the values sent in the message (with respect to the current data retained within Tracking) and either commit the data and return as success indicator or not commit the data and return as error indicator.
- Keyboard will receive flight data from Retrack. It will check for applications errors (such as out of sequence second-order messages) and send software messages containing track-related fields to Tracking.
   Tracking will ensure the coherency of the values sent in the message (with

respect to the current data retained within Tracking) and eit is the data and return a success indicator or not commit the data.

- Target Acquisition will determine the sector boundaries and sort the target data by sensor--sector, sending the data (sector data and it rest data) to Tracking.
- \* Tracking will perform automatic absulsation, distrete correstandard correlation, smoothing and prediction, track termina intermsensor linking. Tracking will release its inputs from reliable to the sequence of stream messages containing the application work station and data it is eligible (for display) work station. Tracking will maintain the sensor-sector data base, the target data base, the tracking data it. (CTS) Beacon Only Table (BOT), the Rafir Colly Table (BOT) and the capacity Table (RAT) in that defines the mapping of CTS entries its arget entries and vice versa in within its package.
- Display will output to the DEDS full data blocks for associates that a limited data blocks for unassociated tracks, partial data blocks, tabular lists and some system data, such as time. It will control the color, to offsetting of data blocks if they overlap on the display. Discussive receive a sequence of messages from Tracking for each work section eligible for display updating. Timing Cott 1 will send the control to Display. Display will addess non-tracking data from the Cotto Updateable Data package. Display will maintain internally the data that describes the model for all outputs at each level of protocol of the data necessary to convert internal information to a display typologic to a DEDS monitor. Deleted.

#### III. The Decomposition of Parts

- Level-2 packages will decompose from Level-1 packages.
- The relationship between a Level-1 package and its Level-2 packages can be one-to-one or one-to-many.
- Level-2 packages will provide type management for the data refined or decomposed from the Level-1 retained data: for example, a Level-2 Tracking package would control the access to RAT.
- $\star$  Level-2 application packages will work on integral units of system application work.

## IV. Tasks and Concurrency

- A subtask will execute independent or and conjurgent with other than the
- All Level-1 application packages will rup one-to-one onto a subtask.
- Deleted.
- Level-2 application packages will e-must be bequestiably within a subtract
- Message Control will ensure that all subtasks are synchronized -- yer ex Send and Receive primitives
- The synchronization of a Level-1 package (constant) with other threfill packages will be centralized in a single to else backage, if the expects of a Level-1 to -2 package is one-to-many our in a single procedure of the mapping is one-to-one. The single procedure or package is only led a gateway. (See Section VII for the mapping to Pascal process.)
- A subtask will, if possible, request all the data that if does not con-(encapsulated by a D package) prior to evecuting its sequence of algorithms.
- Subtasks need not queue work (work queuing will be provided by PTX -- each below) unless it is required by the level topickipe, such as Tremon Updateable Data queuing requests to update the same dat.

#### V. Communications Between Subtasks

- Monitor (M) packages may communicate and converse with any subtact
- Control (C) subtasks may communicate and converse with any subtask.
- Data (D) subtasks may communicate and converse with any subtask.
- Pipeline subtasks may not converse with other Pipeline subtasks (P N== The P); they may direct work only to the "next P" subtask in the pipeline.
- Interactive subtasks may not communicate with each other (I ==/== I)
- Only Control (C) subtasks may perform requests for I/O
- All subtasks will communicate through the same means, using Send and Receive commands via Message Control.

#### Sends:

35

- There will be 6 categories of Sends:
  - 1) Sends that start a process and do not converse
  - 2) Sends that start a conversation (they start a process and  $\langle a_{\rm s}\rangle^{-1}$  a response)
  - 3) Sends that end a conversation by responding to a waiting subtask, and
  - 4) Sends that schedule an event (to initiate a process) at a fall a time from the present
  - 5) Sends that schedule a cyclic event
  - 6) Sends that schedule an event (to initiate a procest) absolute time in the future  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) \left( 1$
- A Send to a Data package represents a request for data
- Send will pass data contained in a communication packet.
- The communication packet will consist of a header followed by the user record.

- The header portion of the record will contain the sender, receiver and record identifier (command).
- The command will imply the specification of the user record and the order of the values that follow.
- The user record may be a buffer.
- A buffer is a one-dimensional array dentaining no meta-data, no data about the data in the array; for example, a buffer may contain a sequence of target reports. (A reminder, arrays are fixed-length.)
- A record passed in a Smid is trinsient; permanent records reside in a primary or secondary storage data base (see "Data Base and Data Coherency" below)
- A user record may contain a sequence of records.
- All types in a sequence must be of equal length.
- Transient records can not be recursive; the type field can not be followed by a type field.
- Examples of illegal transient records:

1116-,31

1. A sequence of one record <LDB> <LDB> <field\_a> <field\_b> ...

2. A sequence of two records <TAB> <field\_a> <field\_b> <TABY <field\_a> <field\_b> <field\_z>

variable length

3. A sequence of one record <fre1d\_a>

value-only -no type name

- Conversational Sends (categories 2 and 3) will be modelled as either a
  - (1) procedure call -- the passed values will be processed by the receiving package and a value indicating the success of the operation will be stored by the "return" Send; or as a
  - (2) function -- the type defines a set of values that will be returned by the "return" Send; (Example: a sending package requests a D package to return a named record: the type field is the name of the transaction -- e.g., read, and the name of the variable, the remaining fields in the record specify the sequence or implied hierarchy of values to be returned by the D package).

#### Receives:

- When a Package is invoked, it issues a Receive to obtain its communication packet. The communication packet may contain:
  - •• a Send from Initialization and Termination to startup or shutdown
  - •• a Send from another package of buffer data or records.

### Reliability:

- Message Control will type check the Send command and the
- Each package will type check records; buffers need not be type checked.
- No link-level protocol will be implemented to ensure that receiving packages receive sent data -- the demonstration system is providing minimal realtime recovery.

The Send and Receive commands:

<Timed attribute> - non-zero if category is 4.5.6

<Receive> <Address of communication packet>

### VI. Data Base and Data Coherency

- The data base comprises sets of records
- Data sets can be in primary or secondary storage.
- There will be 5 categories of data:
  - •• read-only data such as system and site parameters; these data Gil' t directly accessible by each puckage
  - •• retained data encapsulated by a P. C. I. or M puckage that provider synchronous data base services within the subtask (the Level package state data), or within the Level 2 package.
  - •• local variables, required by the various Level-2 package procedurant
  - •• records on secondary storage devices
- Each data set, except local variables, requires a header to identify the data set.

# VII. Executing the Orline System under MVS and PTX with Pawcal

Britains the System.

The system is built and initialized for execution under PIC using tables created a configuration. Job Control lunguage (JCL), which is exclusived at execution to the construction of FIX entersy as part of the SiSiN aut.

the incoming distances must be created pre initialization

- or one will look more to the common the the TRACON applies to the
- of Mappings and tables outer open by MFX in rectem call Cleations

The Mister Communications Vector Table (MCVI) is a CORY source member maintal ed by RTX. The MCVI is used to define Subspecter Communicational Vector Tables and Initialization list Tables and in used in the assembly of application programs.

The Subsystems Communication Vector Table (SCVT) in a COPY source member composed of macron and assembly language statements. The SCVTs are used to define Initialization List Tables (ILTs).

Initialization list Tables (ILTs) contain information required to configure the execution. They contain the names of all load modules, work oncide (initions, inlys to be initialized, buffer pool definitions, and work remore definitions.

- Job Control Language is used to specify the RTX version and to specify the data ret names containing the MCVT. SCVTs. ILTH and load modules to the MCS batch initiation system.
- .M impact control commands are part of the input stream to the RTX job and select options to be used during a particular execution.

# Mini il Fatkadesi

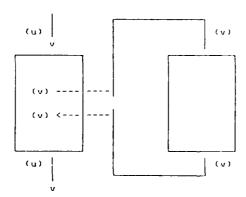
- t copy of Message Control will be linked to each application load module.
- Timing Execution Control will be implemented in the bridge of each task.
   (Each task contains a bridge that is the entry point for that task. The Pignal Gateway is a reentrant procedure that is invoked from the bridge.)
- A copy of Timing services will be linked to each application load module.
- Initialization and Termination will run as a subtask

Leas M. dales

- Each subtask will be an independent load module.
- The entry point for each load module is contained in a bridge for the load module.
- The bridge contains data used by Timing Execution Control.
- The bridge passes a pointer to the task's state data to the gateway.
- The bridge is written in Assembly language and is not reentrant.
- The Gateway is a reentrant Pascal routine.
- RTX will be in an independent MVS address space.
- Each load module will have only a single entry point.
- A copy of the read-only data will be linked to each load module.
- A copy of the Pascal run-time modules will be linked to each load module.

# Subtask Communications:

- Subtasks will communicate asynchronously. (In the case of conversational Sends, communications will take place through a combination of synchronous and asynchronous RTX services.)
- Subtasks will communicate (u) and converse (v) in the following manner, with respect to enter and exiting load modules:



- The Send implementation uses the collowing RTX services:
  - •• GKENTUR, SKEXIT standard entry and exit luplage
  - •• GKQWORK queues a unit of RTX work on 14 PTX server
  - on a section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the s
  - or deasth of the central patter is a Pic
  - \*\* The State of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th

  - •• GHIME returns the current time in millineconds or hours
  - •• GK:LTAB magners of flight/mode table
- Takegory P Sends great a unstack RTK wirk on it. RTA perver and wait for completion of the work. This is a synchronous work request. Information to satisfy the work request will be placed by the invoked task into a work server buffer acquired by the requesting task at initialization.
- Category 3 bend will respond to a category 2 send by moving the requested
  information into the requestor's buffer. RTX will inform the requesting
  tio' that the work request is complete when the task containing the
  Category 3 Send terminates. This is a synchronous work request.
- Canegories () 5 and 6 queue work on a work correct to execute at a specified size on the future.
- Receive will be used by an application pailage after a category Send to locate and access the data placed in the Work Queue buffer by the originator of the Send.

# The Reim conship of Ada Packages to Pascal Compilations:

- A Pascal load module comprises a single Main program and some number of nested levels of procedures. The Main program controls and manages the interface to other Pascal load modules and the interfaces within its load module. In short, Pascal presumes a hierarchy of programs within a load module. The demonstration architecture presumes that a load module contains a network of Ada packages (or a single node), each comprising a small set of procedures.
- Because a Level-1 Ada package (a load module) may decompose into one (the single node case) or more Level-2 Ada packages, and Pascal/VS expects the relationship of a load module to a Main program to be one-to-one, the relationship of Level-2 Ada packages to Pascal programs may vary:

#### Single node case:

• If a Level-1 Ada package decomposes into only the Level-2 package, the Gateway will be the Pascal Main program and its subordinate Pascal procedures will be equivalent to the Level-2 Ada procedures.

## Multiple node case:

• If a Level-1 Ada package decomposes into more than one Level-2 package, the Gateway will be the Pascal Main program -- as in the single node -- and its immediately (the first level of nesting) subordinate Pascal procedures will be equivalent to the Level-2 Ada backages. The procedures nested under the first level procedures, then, will be equivalent to the Level-2 Ada procedures.

#### Primary Storage Management:

- Primary storage (an RTX buffer) will be allocated to each task during the first execution of the task (at initialization time).
- Each time the task is subsequently entered, the bridge for the task will obtain the pointer to the buffer and pass it to the gateway for the task.
- The data that exists across executions of the task is State data.
- Variables created by any procedure within a package will be allocated when the procedure is invoked and released when the procedure exits.
- As part of the Send processing, a task will acquire a work queue buffer to be used by Send and Receive.
- All primary storage will be deallocated at task termination.

## Secondary Storage Management:

- A CDR input file, in IBM external and internal format, will be resident on DASD at the start of the online run.
- A CDR output file, in IBM external and internal format, will be resident
  on DASD at the end of the online run, and it will be accessible to the CDR
  Editor, running under TSO.
- A LOGREC file will be available at the end of the online run.
- An RTX log file will be available at the end of the online run.
- There will be no system parameters or variables maintained in secondary storage.

• There will be no recovery files maintained in secondary storage.

## Recording System States and Recovery:

3

- . There will be no realtime recovery.
- There will be five mechanisms for recording information about the state of the system:
  - •• the processes and MVS will record equipment errors on the LOGREC file
  - •• the use. Stions will record data for CDP
  - •• the applications can log an error with RIX and continue
  - the applications can log an error with RTX and ABEND
  - the applications can log an error to a SYSOUT file (this may be available only in debug mode)
- An ABEND may cause the demonstration to terminate

# Device Access Methous:

- Applications will interface with the disk and tape devices through standard Pascal/VS services.
- Input/Output facilities in Pascal/VS will use the following OS access methods: Queued Sequential Access Method (QSAM) for sequential data sets and Basic Direct Access Method (BDAM) for random record access. An interface to the Graphics Access Method (GAM) will be supplied by assembler programs residing in the DEDS (Data Entry and Display Subsystem) package.
- A data definition entry (//DD in JCL) will be included as part of SYSIM for the RTX job for the CDR input and CDR output files. Both files will be sequential data sets of fixed length records.
- The Retrack gateway program will declare a file variable that will associate the Pascal/VS internal name with the external data control block (DCB).
- Retrack initialization will open the CDR input file using Pascal/V5 RESET statement. A RESET statement explicitly opens a file for input.
- Retrack will use Pascal/VS GET statements to read one record at a time from the CDR input file. Whenever an end of file condition is detected. Retrack will notify the Initialization/Termination package using a Send.

- When Retrack is entered at termination, it will explicitly close the file by using a Pascal/VS CLOSE statement.
- The COR Extractor gateway program will declare a file variable that will associate the Pascal/VS internal name with the external data control block (DCB).
- CDR Extractor Initialization will open the CDR output file using a Pascal/VS REWRITE statement. A REWRITE statement explicitly opens a file for output.
- The CDR Extractor will use Pascal/VS PUT statements to write one record at a time to the CDR output file.
- When the CDR Extractor is entered at termination, it will explicitly close the file by using a Pascal/VS CLOSE statement.

#### Software Clock Maintenance:

In the current New York TRACON system, the oscillator speed updates the real time clock at intervals of 1/1024ths of a second. This is updated independent of any monitor or software within the system.

In the recoded system, we will use a software clock that is updated every 100 milliseconds. Since a sector mark on an antenna is crossed every 125 milliseconds, our analysis indicates that this is adequate for this demonstration.

The software implications of this are that each time Retrack executes, it will send all CDR input records to the proper tasks that have an earlier time stamp than the current time plus 100 milliseconds. It will then schedule itself for execution in 100 milliseconds.

A further consequence is that CDR records recorded during the demonstration run will be time stamped with the software clock time. That is, data recorded for a single antenna sweep will contain 32 different time stamps. The time stamp will differ from records recorded during a CDR run on the New York TRACON system.

## A.0 New York TRACON A5.04 Data Dictionary

4

The Data Element Dictionary (DED) contains all the global data element names and descriptions. The main purpose of this DED is to define the usage of global elements and provide for configuration management control of these elements. This control of the data elements, along with their conventions, data typing, data base assignment, and description, enhances communication of information throughout the project.

The Date Element Dictionary may map multiple new names to a data element name in the existing NY TRACON system. This occurs then the UNIVAC 30-bit word is subdivided into hillword and bit variables. The new names comprise the old name with an integer appended; this integer indicates the different variables in the word.

The DED is maintained using the PC program dBASE III Plus. the structure of each record is as follows:

- COMPANY the company responsible for coding the data element (D DTC, I 18m, P PJA)
- DATANAME data element name (for the existing NY TRACON system)
- data base data base name (for the existing NY TRACON system)
- PAGENUMBER page number in NY TRACON Coding Specs (for the data base) that describes the data element
- P1 procedure name that references the data element

There are up to 10 procedure names; if more than 10 procedures set or use the field, additional lines (with DATANAME, data base, PAGENUMBR, TYPE, VARNAME, DBNAME, NEWPGNUM, and DESCRIPTION duplicated) are used

 S1 - indicator specifying whether the procedure sets and/or uses the data element

There is one S indicator for each valid procedure name

Valid settings of the 5 field are:

- •• 0 ~ Not available
- •• 1 set by referencing procedure
- •• 2 used by referencing procedure
- •• 3 both set and used by referencing procedure
- TYPE data element type code

Valid settings of the type field are:

- •• 5 character string
- C character
- •• L boolean
- •• i integer (short)
- •• I integer (long)
- •• r real (short)
- R real (long)
- •• B bit
- •• A array (table)
- •• P pointer (address)
- •• E enumerated type
- VARNAME new data element name
- DBNAME new data base name; currently used to describe the task that will own the data element

Valid settings of the data base name are:

- •• NA Not recoded
- •• ? Don't know original data base, don't know new data base, etc.
- .. PSRAP PSRAP
- •• TRACK Tracking
- • KBD Keyboard
- DISP Display
- •• IFY Interfacility
- •• SPARM Global System and Site Parameters
- •• SYSTEM Global Parameters that are not System nor Site Parameters

- •• CDR Continuous Data Recording
- .. RETRACK RETRACK
- .. MSAW MSAW
- •• CA Conflict Alext
- •• blank = hazen't worked on yet
- NEWEGNUM wage notiber in new dula base document describing the data element
- DESCRIPT data element description

The data elements are presented sorted by data base on the pages that follow.

Records	CUMPANY DATANA	RECORDS CUMPANY DATAMANE DATABASE PAGENUMBR PI	UMBR P.	SI P2	S2 P3	S2 P4	2 3	St. Pt.	St. 17	87.88	58 BS	014 65	SIC ITEL VARINARY	VANNAM	DENAM	ME UP LHITM	
~	11108	101	4 TPUR	I SWBS	0	0	0	<b>=</b>	Ð	0	0	0	<b>¥</b> 0	hot trik	TRACE	0	
2	B0111	101	4 1PUR	-	0	0	0	0	0	0	0	0	-0	bot report attouth	TRACT	0	
~	BUT1110	108 (	€ IPUR		0	0	0	<b>=</b>	9	0	0	0	- 0	PA por	TRACE	0	
-	0011111	1 101	4 1PUR		0	0	0		3	0	0	0	0 5	tot begron rode	1940	0	
~	8011112	108 3	♣ 1PUR	-	0	0	0	o.	0	0	0	0	- 0	bot rep vc	FRACE	0	
•	801113	104 8	▲ 1PUR	~	0	0	0	9	•	0	0		I 0	bot aftitude	IRACT.	0	
^	901112	108	♣ 1PUR	<b>-</b> 7	0	0	0	0	0	0	0	0	1 0	bot range	IRACE	0	
œ	801113	109	4 IPUR		0	0	0	c	0	0	0	0	æ 3	hot y coord	IRACI	•	
6	<b>\$</b> 01174	108	4 IPUR	-	•	0	0	•	•	0	0	0	<b>u</b>	bot a coord	TRACS	0	
2	801115	801	4 TPUR	r	0	0	0	0	0	0	0	0	<b>8</b>	bot y dot	IRACI	0	
=	801116	101	4 IPUR	•	0	0	0	0	9	0	0	. 0	0 R	pot i dot	I RAL.	0	
13	801117	108	4 19 UB	~	0	0	0	0	0	0	0	0	•	tot udu	PRACE	•	
=	80118	801	4 7PUR	~	0	0	0	0	0	0	0	0	10	bot firaness	PRACE	•	
Ξ	91119	103	# TPUR	-	0	0	0	0	0	0	0		3 0	bot time of last correl	IRACS	0	
2	ABEATI	CIS	,	O CRIT	O DBATH	0 IF!	2 t0f	n	0	0 MSAW	0 MTGCT	0	10	last correl on radar only trk	TRACE	0	
91	ABEATI	CTS	7 1500	~	O TINIT	~	0 PUR	3 IPRED	O ALTRER	O CDR	2 CONA	3 COMB	1 2	last corret on radar only tel	IRACI	0	
2	ABEATI	CIS	7 85818	O RETRACE	I SHOTH	O TEDORS	11 0	O 1PSEC	3 15080	0 15081	6	0	10	last correl on radar only tri	IRACI	•	
18	ABEAT2	CIS	7 IPSEC	3 10855	2 11411	3 161	3 TPUR	3 IPRED	2 CUMA	~	6	8	٠ ۵	initial correl proc enabled tok	IRACE	9	
61	ABEA73	SIS	7 1500	3 10855	2 IINII	3 HF1	3 IPUR	3 19860	2 SL 14K	2 IPSEC	3 RETRACK	2 F0F	3 E	assigned beacon code fri	TRACE	0	
29	ABEAT4	513	7 IPSEC	3 CONA	3 11411	_	0 IFUR	~	0	0	0	0	0	constant zero trk	IRACE	0	
21	ABEATS	CIS	7 1500	3 10855	2 TIMIT	3 DOP	3 TPUR	S SLINK	3 181	3 1755.0	I KUŁ	3 1PRED	-	bear code status code tek	TRAUT	0	
22	ACIYPI	CIS	18 TPRED	0 TPSfC	3 IPUR	3 1106	3 161	_	0 SCIME	2 11N11	3 St INK	0 1600	<del>-</del>	ancraft type tude til	164'1	0	
23	ACT TP 12	2 CTS	18 11	-	0 IOF	~	0	0	0	0	0	0	<b>J</b> 0	spacen site ad alphy	TRACE	٠	
24	AL 73	CTS	17 TINIT	3 AUT	2 IPUR	1 AL TRER	0 CDR	2 COMA	3 CURB	2 t0f8	O KOFC	O NSAN	10	try allitude lit	19461	0	
æ	II TH	CTS	17 11	0 IRAD	2 #0F#	3 KOFC	~	0	0	0	0	0	1 0	rep allistude trk	IRA, t	9	
36	At 12	CTS	17 TENT	3 AUT	O FPUR	111	ņ	0	0	Ð	0	0	70	truk console printbut requested	) RACI	0	
11	AL 13!	675	13	O AUT	0 TPUR	_	0	0	ŋ	0	0	0	10	all account last scan fek	TRACE	9	
28	At 132	CTS	~	Ú AUT	0 IPUR	-	0	0	0	0	0	0	1.0	alt valid current scan tik	TRACE	0	
۶.	AL TA	CIS	17 11411	3 AUT	0 PUR	_	0	0	0	0	5	0	7 5	andigd bear code checked trik	TRACT	0	
24	AL TS1	613	17 11811	3 AUT	O FPUR	_	0	•	0	Đ	0	0	=======================================	correct was all assert tik	18401	٥	
Ξ	At 152	CTS	17 11811	J AUT	0 TPUR	_	6	0	9	9	D	ij	-	lest scan all invalid trib	1. 14	-	
73	A1 16	£13	17 11811	S AUF	0 TPUR	_	0	0	0	a	•	0	- 1	trab warfi count tek	1641	Ü	
=	AL F7	C15	7.7	0 AUT	0 TPUR	0	0	0	9	0	9	ı	.:	lettain nath is in effect teb	FRACE	0	
=	At 18	CTS	17 19411	3 AUT	0 TPUR	0	0	0	0	=	d	ĵ	- 9	approach march 15 an ether Little	164.1	0	
ŝ	At 19	C15	11811 1	D AUT	0 FPUR	O TFRED	2	0	0	n	0	9	10	Down Is inhibited tak	1821	9	
25	A50C11	CIS	6 SLINE	J PSEC	3 11M11	3 IPUR	3 19460	2 CAIRE	900 D	2 CONA	3 :: MB	1180	4	track number trik	1841	ũ	
~	450C11	(1)	11 9	0 1RAD	2 15080	0 TSU81	0	0	9	9	0	0	9 0	track number trib	184:1	>	
<b>2</b>	A50CF1	CTS	1119	3 106	~	2 HSAN	0 MIGCT	0 PD0P	2 RIGUE	9	C SEARS O	0.110005	÷	frieb fouthe teb	1.4.1	2:	

2	10000	,	9132			3				c				100 100 100 100	100.0
	71700	1 3	*0.1.0*	7 11 17		# a a a a	<u>:</u> :		-		s :		٠	Is also track from	
2	4396 A	3	i .	75.0			-	-	5	5	5			Spirited and 15 charled the	
=	A59C11	\$13	9 1500	3.7%(	- E	3 1ftik	121	_	ē	-	c:	÷	-	is in energency status toli	IRACE
÷	ASOCES	UT.	6 10855	1 1PSE1	3 11811	4 Feb.	3 75860	111.7	1.38 (51	1.169	5 754		;	farmers value inh	IRAL I
:	450C1c	CTS	9 1890	2 iPSIC	11411	5 1r.08	4 1915	2.141	÷ 1 5		<b>5</b> 7		=:	Posoff has been completes	PACE
=	450017	.IS	36 H 96	2 PSEC	-	6 Inde		23	0	0	ے			this class code to).	TRA: F
ç	AS00.18	\$13	9 1500	2 1F3E	3 1141)	2 1PUR	3 128:0		9	0	9	ند	7	turn torrel proc inhibitered trik	TRACE
<b>±</b>	450C19	cts	6 10855	2 IPSEC	3 11811	angi č	3 IVERD	3 15 PK	~	0	0		3	tas been predicted tok	RACE
7	CAIL	CIS	19 RETRACE	~	0	9	0	b.	ij	2	2.	n	2	pus ssame char teli	PACE
<b>2</b>	CATB	CIS	101 61	2 PD0P	2 Sting	O IPREG	) II	0 TRAD	) 15080	19:51 6	5,800 >	248 M 3		pos ssant char tek	TRALF
3	CA18	CTS	19 18001	U AUT	2.1838	JU 11 0	3 (D#	2 CHAIA	5 Falls	3 18 :	\(\frac{1}{2}\)		٠	pos ssint char trak	FRACE
25	CA18!	CTS	21 TROUT	O COMA	3 CHR	3.1(	U TRAU	7 1.80	0	ŭ	و	2	2	pus data ti mond	1.421
51	CAFCLL	CIS	2	0 MSAH	= .7	9 IEAS	2 19567	3 14 85	7 PPIN	7 11411	,			rep boin tole fris	1:7:1
25	CATCLL	CIS	2.	O TPRE:	2 CATU	973 O	2 Coll3	~	G URS!	111 6	- 45	24.	;;	rep becaming tell	16.1
23	CAICES	CIS	19 100	2 19865	2 CATU	O CUR	2 CHMA	. ~	0 CR11	0 1:1	Ţ.,		. 0	as ad char trik	18A()
*	CATC:2	CIS	19 KA1	0 IPSEC	3 11	0 TRAD	3 11 16	2 51 184	2 PFUR	3 11411	1778134	_	9 5	acid than 118	164.
\$5	CATC21	CIS	19 HAT	NYSW 0	11 0	0 1908	2 11811	3 St 188	Ð	G	_	÷	~	life of charters	ž
*	CA1621	CIS	89 FUB	2 19863	2 1PSEC	2 CDR	2 CUMA	3 1876	2 0815	111 0	1.165	2	ت	tdi nd char trh	#
23	CAIC22	CIS	19 100	2 19865	3 19360	2 St (NE	0 16 00.	2 IPBR	3 11411	3 14 [	1 -64 184. 1	Ē	-		7
85	CATCSI	crs	19 COMA	3 401 1	1 INII	•	0	0	0	0	ē	÷	3	all chars filt	TRAC 3
53	CA1C32	cT5	19 COMA	104	TIMIL	0 161	_	9	0	0	s		3	rec pos symbol trà	TRACE
99	CATCAT	(1)	20 COMA	m	0	0	0	0	0	0	c.3	. 7	5.0	12 pad char	HAET
19	CATC42	513	20 CUNA	•	0	0	0	0	0	c	c		-	diff. Typ frik	FRACE
29	119110	CIS	8 1005	3 RETRACE	•	0	0	0	9	0	5	-	9	assi sensor page trik	IKALI
59	CFLGII	cts	8 CD8	2 0088	3 COM8	2	0 CR11	0	<u>:</u>		ņ	,7		distribution of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of	IRAC.
3	CFLGTI	CTS	B MSAW	0 #18	O SMOTH	O SHABS	0	3 1100.85	D o	0 1840	2 Paris	1.3061	- 0	avec sensor music frik	PRACT.
\$9	CF1611	C13		0 1PSEC	0	0 100	3 18001	2 1PHR	1.1980	D AUT	2 BRATS	o CAfu	-	assumentable inhold	TRACE
99	0118110	CIS	131 8	1 TPSF 2	3 FFN11	3 206	_	0 1789	3 1PR-5	3 <b>A</b> UI	23	ė	=	Cier coast count trib	HALLI
/9	CF1 6711	C13	8 St 134	0 1856.0	3 TH11	3 TFUR	2 100P	5.16	1,1986	2 481	2 16 (	3 RAI	1.2	arrix depart status code tich	184: 5
89	CFL6112	CIS	8 15.00	3 PPSEC	111411	3 161	je. <b>1</b> .	_	0 16:35	1.401	0	€.	 ట	Colinia and match count	PFA( 1
69	CF1 GF1 3	CIS	141 8	1 PSFC	3 11411	3 106	_	0	0	9 AUT	-	6		threat leand pass flag	PALT
70	CF16114	CTS	B St INE	0 PSEC	3 11411	3 1608	3 104	3 1708	2 1FB+F	2 401	111 6	) M4.	-	besteller na received	IRAL I
17	CF1 G715	513	8 106	33541 1	1 FFMT	~	0	0	c <sub>2</sub>	9 40'	141 6			site acquest is destituined	Hits C
23	6616716	\$13	8 St. 184	0 IPTE	3 11411	3 1DuP	\$ Rof	3 111	3 16-40	3 AUT	٠,	•	7	1 culside max radar range	184.1
73	CF1.612	CIS	8 RETRACE	2 IPSEC	0	2 100	~	6 IF19R	~	0 AUI	~	0	œ:	ofs three draws code	FRALS
*	CH1 GT 3	CTS	B SI INT	0 IPSEC	3 11411	3 Tuû	2 111	3 100P	STPES	2 AUT	0 MAI	jo <b>r</b> c	-	and State acid that count	IBA: I
۲.	CF1614	crs	B St ind	9001 0	J LINII	2 HAT	2 tof	6 111	3 TPMED	2 AUI	21.560	٠,	0 1	fe data dispos code	HACI
%	CF1.615	CIS	B SLIMK	0 TPSEC	3 PINIS	3 111	3 ID0P	3 TPUK	3 19880	2 401	2 88.5	2 104	~	auto and is unfatated	184.1
"	91913	CIS	8 St IN	0 1956	3 TIMIT	3 COMC	2 104	•	0 1486	2 AU	131 2		9 (	1.4 heavy Jed	164.1
9/	CF1617	CIS	8 TCRSS	2 IPSEC	3 TINIT	~	9	0 1FUR		194-0	۲,	e	. <b>.</b>	A 603 - 1884 - 18	1841 8

IRAL S	194:1	RACE	1 1441	1 14 1	HAIL	164.1	I PAL I	184:1	194(1	184: 3	TRACE	184.1	[44]	18AL J	18As's	Ikk: I	FRA: E	! PACT	PACF	TEACT	16.46.1	144.1	1941	1141	<u>.</u>	1481	1 - 7 - 1	1	1 171	44	1100	:	174	4.		-	111	111	-
Code of pelay is implifited	rader that plan it available	its fri	tisk seratif pad	ted wratth pad	(15s) feap fore	Leads driet re et inhibite	is eligible for flash the	is displaying blinking of	in Longell as thon stat	prev duto a quired	has assigned allitude	controling positi public associtif	controling posts hunding associate	controling positionally associated	controling to it number associate	controling positi nubbi associtră	handelf status code associted	at file status code	at falle change code	alamısı. Je	at a mort code	at to wind rufe	at the most off	at a full or full from	all error the faller	Part Cales Cales	27.74	3112 acts of a tra-	affine enough of the	#1 41 64 14 15 15 15 15 15 15 15 15 15 15 15 15 15	at dist, a left i	Company of the Company	FV WE 1/2 FLAM 7 STA	\$1.80 - 1.146\$ \$10	** *** ** ** ** **	1. 18 (1.12) Ph. 19	er in and single time.	to plan of the confirm	T
_	5	٧,	5 0	0	5.1	10	-	10	1 3	0 6	1 0	-	1 0	1 0	0	0	-	-	0	Ξ,	٠ ا	-	3	-	æ G	=	.:	Ť.,	a To	~~	**	Ĵ				7.	5	-	
0	~	1910	O total	-	J HAI	Ð	0	9	0	Đ.	0	1 110	0	2 04 001	3 15080	U BHAIS	3 St 18t	2 SELIME	5	3 MAT	<u></u>	1 % (84	2	<del>1</del> -1-1	-		: · ::		5	E A			i.		•	14	_		
٠.		) HA!	15080	Ξ.	1 Thus	n	-	Ę.	72	£	Û	1119	9	3 Plup	0 1FAD	2.4  FREE	Ξ.	2 Aut	=	3.111	2	3.163	**	14.	:.					7	12 13			ï		÷.	7	-	** *
D Met	2 Atr'1	STIME	0 TRAD	3 110	3 1150	0	0	0	9	,	÷	9 08419	0	O PAUS	11 0	2.401	<u>.</u>	2 10855	0	3 Aut	=	3 A.II	ō	Ĭ,	14.5	First	1.4.1	<b>-</b>	7	<u>Z</u>	<u>N</u>		S E E	4		-	1.41	÷	-
U TPRED	3 1981 0	3 11.00	2.11	1 45 0	3 Histo	9	Þ	Đ	0	_	0	0 (811	0	1391H B	3 110.48	3 11980	1 TFRED	3 IPRED	~	3 19869	0	3 1781 0	=	3.11.6.0	- 1881	11889	: IMI:	# #	0 H3	0.040	3441 +	-	1 11 0		3 5 4 3	7	a. :-	1000	***
-	3 IFUR	5 11165	=	0 (61	I HHII		_	•	~	Ė	9	9	0	0 8868	0 1D·F	0.1898	1 11/08	2 1808	3 100	POAL C	0	2 1808	ū	2. 1F(d)	u Beek	- - - -	111.14 g	#Y.44	8 N.A.	2.55	31413		## T	ē	:		-	4.14	-
=======================================	===	3 100	O SMARS	~	19116	3 12	\$ 1 S	₽,	3 11411	3 11N11	~	0	9	2 8548	\$ SWAPS	9	3 (8-0)	2 18001	3 106	2 18:01	0	2 14-01	~	2.135		-	:: ::	5	2	1119	1:0	1	-	ē	0 SHA	2	2	3 SHAP.	0
1 11 1	3 190P	3 1850	U SCIM	1 CORA	3 111	I ITMII	1 TINET	I TIMII	-	151	1 THE	2 CURA	9	O MAF	2 Stint	ĭ	3 104	3 1005	2 MAT	3 METRACE	-	3 RETRACE	3.10	5 1:9	<u></u>	*1.0	\$ \$	2 testa	2 1094	~	~	1 160	1.2	••		0.110	~	3 51 14	
IMI	3 11811	1 10855	O RIBUP	2 IPUR	3 TPUR	0 1FUK	3 IPUR	3 1 1 7 UR	3 TFUR	3 TFUR	3 IPUK	0 008	0	0	#H35 0	3 111111	1 11835	3 134[1	2 COMC	3 11411	11 2	3 11411	? MAT	3 11811	11111	1	0.11473	46.1 U	8GD 0	¥. <b>.</b> .	701 [	L 13.1	4-034-7	1180	•	=	0.11811	0	3 1141
0 19560	2 IPSEC	3 IPUR	0	3 AU	194.0	5 401	1 AU1	104.0	0 401	2 AUT	[NY 0	0 CATU	O RETRACE	~	0 61960	2 1PSEC	2 1PSEC	2 TPSEC	1 floor	3.1656.0	3 tome	33841.3	3603.2	3.85%	1 1890.	3 11346	3.1858.0	AL FREE	J & 1918	<b>3</b>	APU .	200		4	eller.	1180 0	5	40018 2	0 1856
18 S	B ICRS	1 16 x6.0	=	INI PI	14 18001	=======================================	14 161	14 TCRSS	=	IA CONA	<b>=</b>	I CATRE	1 15081	1 104	1.8100	1 11 00	1 1500	) FEDC	=======================================	1 St INE	1 1009	1 16 90	1 160P	1 S 1 W	INI K	N > 1	354-1	# di ei	19 19:08	14 TPUS	M 1838	/1	12 15081	1.2	<u></u>	12 6.80	압	ä	<u>:</u> :
CIS	CIS	CIS	CTS	crs	CIS	CFS	\$13	CTS	ETS	\$13	CIS	CIS	513	CTS	\$10	015	\$13	213	crs	cts	uts	UTS	CIS	CIS	51.	STS	90	21.3	513	213	510	2	E	(1)	5	513	55	\$13	GS.
CHIGH	615119	CISI	C15S11	CTSSTI	C15S12	CISSI3	CISSIA	CISSIS	CISSI	(1881)	C15518	CISII	01511	C1511	11213	CUSTI	CTST2	0.1513	01513	CTS14	61514	01515	CISTS	61213	(15)	KITO	V1213	DAL LI	54 IV	HE II	HIR	17.41	119511	11391	16013	1,60119	166110	160111	(1139)
٤	2	<del>2</del> 0	Ç,	£ 8	*	58	98	<b>%</b>	89	÷8	₽	<del>,</del>	ç;	1,	z	£	ź	7	æ	3.	193	101	10.2	103	,	103	ž	61	109	50	911	111	211	Ξ	=	115	2	111	<u>e</u>

0.00
9 9
1
16C116 CTS ::

2					3 0 mm/m in 14 mm/m 0 11		
1 frog	_	•	0	0 34545 0		0 1888 0	0 34545 0
0 11/6		0 0	9 9	0 6 5 641	0 (+0 1 +0 3 0	_	_
<b>7H</b> (1) ()	î.	i bok ; Cato					S U U U
Dale :		<i>5</i>				=======================================	=======================================
11:15:0		3 MBM. a	B STABLES II	9	9	9	G SHARY G
3 1214						S (Postale) (B) S (Resistance)	S (Postale) (B) S (Resistance)
	=======================================	1969			- ;	351351 TO TO TO TO TO TO TO TO TO TO TO TO TO	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
100		5 VAUN.		· =	- Carren		
100		n e				 =	0 0 11 11 11 11 11 11 11 11 11 11 11 11
PHOJ 1	14	1 (4 d)   (4 l)				) I Red	3 Hept 3 in 5 House
٠.	2	44 C M 8 a		<b>F</b>   % #	0.454 u 199v 0	2 RIME BOREL BERING	3 HT 2 RIVER 6 SEEL ALKEN
3 1 2	ž	9-31 S 1M S 9		<b>1</b> 33 4	1.4(8) 6.5(10)	THE RESIDENCE OF STREET	UTFL LIFE THE ESTA
	Ξ	6-1-12 Billion		0.1160	U S(08) 0 SU 1909	\$ 1834 C 0 5081 C 0.1140	0.11/1 0.11/0 0.50/01 0.11/0
3.11.6	1	F-1 2 MIT 3		<b>9</b> 1 1 3	1.000 0.1148	\$ \$118 S 1683 S 1186	0.1FE 5 EP/08 3.1080 0.1ME
	Ξ	P. 1.24		<b>1</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	140 to 0 1340 to	C Million of Stiffs to Littlem	141 0 1810 0 1818 1 141 B
-	-	6-4-5 Bet 0		# C 0	P. 1001 0 4301 9	THE OF THE DESIGNATION OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P	141 - 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
.184	=	entre : ma		e of the	2 .081 o .000 a	3 Prof. 1981 - 0 Charles	0.141 J Prof. 2 JS81 G VCD46
1 180	-	ent Berein	•	Par or or	1961 o 1961 o	State of state of states	3 HFF Sindler groups places
-						2 N/8 B 1 (MI	0 [F] 2 3/6, S 1/M
7	÷	£		-	The second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of th	2 Steller - Unstantion 1999	UBD 2 SEC. USBN 1111
	=	24.0 24.0 24.0		2	10 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg	S STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	9 10 10 1 10 10 10 10 10 10 10 10 10 10 1
f.	÷	1	•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1
			2	10 10 10 10 10 10 10 10 10 10 10 10 10 1			
	<u>e</u>	-		-	<u>-</u>	10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM	10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM 10 PM
					X	E	#100 a #200 a 100 a
			*1 8, .		<b>9</b>	* · · · · · · · · · · · · · · · · · · ·	10 miles 1 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 miles 20 m
			1 111		-	-	3 14 17 17 17 17 17
7			1 1742 E		2 -	2 -	
			2 - 192 - 119		1	1	
7		* 'I* '	6.14.		1	1	
7							
21		1 274.7	1 2002 14.5	•	120	120	J GONTE CAN
		T ** * .	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	(c) 198 m (c) 198 (c) 2 (d) (d) (d) (d) (d) (d) (d) (d) (d) (d)	#	THE 1.7	STANFOLD OF THE CO.
				OLEDRO COMA COMA	BLANK U.DR 7 HA	## 2 . Ag) 6	BLANK U.DR 7 HA
		3 11,34	THE PERSON OF THE PERSON OF		<b>:</b>	# + 2 + 3 + 6	OLATKA 9 (FR
		- - - - -			DOMEST HILE AND STATES	War Silver	DOMEST HILE AND STATES
			1 1911 1911		3 1645 5 15471	3 1645 5 15471	3 1645 5 15471
			-	1191.	0 10 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C. Linking of State 5	1000

1	
1.   1.   1.   1.   1.   1.   1.   1.	
1.	<u>-</u>
1.	5 0 10 10 10 10 10 10 10 10 10 10 10 10 1
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
1	7
	į
1	
1.	
1.	
1.	
1.   1.   1.   1.   1.   1.   1.   1.	÷
1	D B.S. (2.18) 3.34 (1.18) 3.35
	11411
	23
1	
1	무
The content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the	6.881 1.100
	19 f60c 3 (PSEc. 3 (1903) 3 fem
1	9 11-55 7
The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	9-11: 1-11-0
A	3 1FT 3 154H
1   1   1   1   1   1   1   1   1   1	0.154.
1	a print i habs
The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	- 14
1   1   1   1   1   1   1   1   1   1	0 0 0.0085
1	2 TIMES 2 TEAC
1	9 l81 3 h3
	11.5
1	2 n
1	15 TENTE 3 6 G
1   1   1   1   1   1   1   1   1   1	3 11811
	9 DEL 3 PES
STROKEN   C	O SLEME IL SMARS
1	0 0 SMA85
1	•
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 141 1410
0 0 16 Fe Fe S 7 A F	0 310
n Shirifu ngot 2	O LIMIT 3 C

AD-A189 862 NEW YORK TRACON DEMONSTRATION OF PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
CORP. STUER SPRING MD AUG 87 DOT FAA/CI-87.34
UNCLASSIFIED DIFA93-85-C-9958

END
THE PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
OF PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
OF PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
OF PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
OF PROGRAM RECODING
REQUIREMENTS ANALYSIS DOCUMENTUD DATA TRANSFORMATION
OF PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM RECODING
THE PROGRAM REC



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 A

114 312	CIS	8	0	0	0	0	9	0		•	•	0	-	2
140313	CIS	2	•	0		•	9		0	0	9	0		2
144472	cus	7	•		0	0	3	0	0	0	0	•		2
=	CI S	THE CHILL	1 4111	2 BRAIS	O CHIMA	1.03 \$	:0 [2] (5)	in 7	-1	a	92.0		ich, third prev, ich numbr	TRACE
E E	33	14 15	1 REPRACE	-	0	0	3	•	0	0	0	9	tra thid previtil numbr	IAACI
14 <b>E</b> 12	SES	34 15 15	2 1PSEC	2 1UB	3.16)	3 St 148	2 ,100P	9-1-0	3 THIS	3 1908	2 1:9	G	trk thred neet frach mustr	TRACE
	cis	S IPSEC	3 TINI	3 1908	2 COR	2 110%	3.9.4	2 PASS	3 iPRED	3 151	1840	7	t last successful currel time	INC
11/11/12	ES SE	3.11.80	11111	3 IPUR	1 15080	Buci 6	181	0	0	0	6	0	last successful correl sta	IPACI
1#E	CIS	3.1956	3 1841	3 45 UR	1 351	_	5	0	0	e,	0		L'sucsfi corr sin aut presni	'RACE
<u> </u>	CIS	15 1680	2 ICASS	3	0	0 11405	•	0 IPUR	~	0 BRATS			s third preve trak numbr	I BAK 1
2	CTS	15 1610	2 TCIISS	? TPREB	2 1005	3 TPSEC	7 (IMI)		0	J/01 0	S MSAN	0	s thed need test much	FIACE
	CIS	15 1680	1 INIT	2 IPSÉC	2 IPUR	2 1005		0	0	11 0	0 ISBR0	0	secto numer	PRACE
-	CIS	13 18001	2 1680	2 10855	2 tPKEB	2 1005	3 185/6	2 11811	2	15061		ī.	sec three hes no next trib.	PRACE
Ē	213	11 TCBSS	3 1756	2 RETURES		0	6 1134	J BKATS	D COMA	3 Corrs	0 CRII	9	int nat inder	FRACE
18718	cts	II ICESS	3 19863	3 1708	3 PSFC	•	•	0	9 11 6	0 to	•	9	had scan correl processing	HACI
31113	cis	341 15 11	2 1756	STIME	2 IPUR	2 1/1	2 IPREB	) III	-	O SWARS	6 IF DORS	-	actively, tracking	PRACE
: E	t13	11 TCKSS	3 1708	-	•		ŋ	11 0	O FPRED	O FRAD	2 15080	-	had report in secondary bin	FLACE
ž	rt <b>s</b>	# X	3 1656	3 11M1	3 Prus	3 805	~	18081 0	0	9 IT!	•	-	da is to be displayed	IJVI
Ē	CIS	1708	11811	3 106	_	•	0	111 0	_	0	<b>e</b> .	-	fp_slatus_code	IRACE
4	55	11 Thou	3 54 186	3 1786	3 1005	3 1956	3 11811	3 141	3 1908	3 100	3 103	?	change to sector thred code	18 AC.
<b>J#</b> (	cis	11 14(4)	20.190	O TEBC	3 11811	3 1738	3 PSEC	3 10855	2 19850	3 173	3 166	ř	correl this scan	IRACE
E E	crs	31 1EEC	3 11411	3 10560	3 FPUR	3 161	<u> </u>	_	ø	0	٥	ä	but correct as arbitrated	TARCE
Į.	CIS	11 10855	3 175.0	2 1PUB	_		0	0	0		•	-	ris in hin rount	PRACE
XCOMI	£	3 19560	S TIMES	3 18081	2 19869	3 1938	3 101	3 0.88	3 181	3 1190	3 SL INE		pred t coord	IRACK
119011	CIS	S PSEC	3 19868	2 IPUR	3 CAFRE	0 008	2 tof	3 18 PC	3 CR11	0 IF!	O FINE	3.	t dot 11 h	IRACI
XYBOTZ	513	SIPSE	3 1PRED	2 17-08	3 CAIRE	0 CDR	2 104	3 151	3 11817	3 1500	-	0	r, dot tek	1RACE
178013	CIS	S IPSEC	2 16.00	2 IPUR	2 CATRE	D COR	2 108	3 ; [14]	2 171	~	0	0	apt tabl ent fir	IRACE
*TDG14	SIS	5 1PSFC	~	1 PUR	2 CAIRE	0 008	2 109	3 LINIT	2 18 DC	2 181	•	10	apt entr fal fin	FRACE
179674	CIIS	S IFI	3 606	-	•	•	0	0	0	0	0	0.5	alt primare controller	194CK
X1007X	CIS	S IPSIC	2 TPRED	1 16.1	3 CATRE	O CDR	5 104	3 TINIT	-	0		0	ally lab coset fine	19401
YCORI	CIS	S IPSE	3 138]	1 PROUT	2 19860	3 IPUR	3 TRAG	2 1660	3 S. INC	3 81601	B MSAM	0	predicted y cond	) RACE
TCORT	. £	S IFI	3 106	-	•		0	6	ت	0	0	0	prodicted y cond	PRACE
ECIO	Ibai	•	151 0	3 106	3 1748	3 1958 C	~	•	•	0	•	•	erid tab	TRACE
101	ibai	~	141 0	3 106	3 TPUR	3 IPSEC	~	0	0	0	0	-	terd tab	IRACI
110	MASMB643	18 7512	2 RAI	2 FINIT	~		0	0	0	0	•	0	rtc_value	ž
SECIONO	MASHB643	31 PSULP	~	•			0	0		0	•	0	p sectr ort 0 nat dita matt	<b>=</b>
SINSHIR	KASHB643	16 PSRAP	7	-	•	0	0	•	0	0		0	consecty sects at par	2
SIPLE	14 SHB44 3	41 PSRAP	~	•	•	<b>.</b>	•	0	•	<b>6</b> 0	•	-	s in teffer legth	1
SINCSMO	14.5HB64.5	31 PSRAF	~	•		•	•	•	٥	0		•	ain sectronks for psrap spach	2
SIPPERO	MASHMA.1	11 65049	-		•			9	0		0	٥	olitegal ad mor	2

				0 0 0	0 0 0	0 0	0 0				- -	synch, ensective id ps. execs, woul, psrap, inp. fail	2 2	• •
					, ,						. =	s scan t stor thi legth	rstar L	
SIPROTO MASHIDGAS AT PSRAP 2 0 0 0 0 0		9 0 0 0 0 0	0 0 0 0	0 0 0	0 0	9	=			•	9 8	output, line, rpt, stor, orflow, asq		•
	3 0 0 0 0 0 0	9 9 0 0 9 0	0 0 0 0	0 0 0	0 0	0	•		•	•	•	harl, troe, delay	1	•
		0 0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0	•		0	•	=	ps startup true	PSRAP	
I IEDC 2 ICASS 2 IPSEC 2 ITNII 2 IRAUI 2 IPUR	I IEDC 2 ICASS 2 IPSEC 2 ITNII 2 IRAUI 2 IPUR	2 1PSEC 2 TINIT 2 IROUT 2 TPUR	2 TINEL 2 IROUE 2 FOUR	2 IROUT 2 IPUR	2 IPUR		7	2 19860	2	•	₹ 0	asec irk	IRACE	
I IEDC 2 ICASS 2 IPSEC 2 O IROUI 2 IPUR	1 1EBC 2 1CASS 2 1PSEC 2 0 1RIVAT 2 1PUR	2 (PSEC 2 0 1Rm) 2 1PUR	2 0 1Reul ; 1PUR	3 1FUR	3 1FUR		~	2 IPRED	2		-	nset_set_number	TRACE	
6 FEXEC 1 TEDC 2 TORSS 2 TPSEC 2 TIN11 0 IRWUI 2 TPUR 2	I IEDC 2 ICASS 2 IPSEC 2 TINI I D IRAUI 2 IPUR 2	2 IPSEC 2 TINEL B IRNUE 2 FPUR 2	2 Ifull B IRNUI 2 FPUR 2	O IRNUT 2 FPUR 2	2 FPUR 2	~	~	PRED	~	•	ä	aser's proc is required	FRACE	
O IPUR	2 MSITEQ 0 0 0 0 0 6	9 0 0 0 0	9 0 0 0 0	9 0 0 0	0 0	9	3		0	•	9	i file ain hits beacon only	SYSTEM	
0 TPUR	2 NSITEQ 0 0 0 0 0 0 0	8 0 0 0 0 0	8 0 0 0 0	8 0 0 0	0 0	0	•		0	•	-	Ban Bisses inil file	SYSTEM	
	2 MSITE@ 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0	0 0	0	0		0	0	-	beaton only window length	SYSTEM	
0 IPUR			2 0 0 0 0	0 0 0	0 0	0	0		0	•	•	allow dist betw. targ, trk.	SYSIER	
	2 M517F4 D D D D D D D		0 0 0 0	0 0 0 0	0 0 0	0	9		G,	•	<b>T</b> 0	1 fil sar velocity ide only	SYSIEM	
PARAM 0 1PUR 2 71 6 0 0 0 0 0 0	2 11 6 6 6 6 6 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0	0	•			•	-	tour firmness	SYSTEM	
PARAM G 1958 2 0 6 0 0 0 0	2 0 6 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0	0 0	0	0			0	•	auto_i_ein_speed	SYSTEM	
g (PUR				0 0 0	0 0	0	-		•	0	0	tpur_mat_erecut_time	SYSTEM	
0 1708	2 5941 8 0 0 0 8 0 0		0 0 0	9	0 0	9	_	_	0		-	rdr rein ingt file nin hits	SYSTEM	
PARAN 0 17UR 2 5001 0 0 0 0 0 6	2 5901 0 0 0 0 0 0		9 0 0 0	0 0 0	0 0	9	_	_	0	•	I 0	rde ra init file sat sisses	SYSTEM	
0 IPUR	2 SD#1 G 0 0 U 0 C		0 0 0	0 0	0 0	0		_	0	0	0 1	rdr r window length	SrSIEM	
	0 2041 0 0 0 0 1945 <b>0</b>		0 0 0 0	0 0 0	0 0 0	0	-		0		ø		2	
PARAM 0 1PUR 0 0 0 0 0 0 0			0 0 0	0 0	0	0	9		0	0	0		2	
		0 0 0 0 0	0 0 0 0	0 0 0	0 0	0			0	0	<b>a</b>	rdr o ain speed	STSTER	
0 TPUR	0 2001 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0	0 0	0		0	0	•	0	rdr o mindom length	SrSTEM	
	O NIGA O NIGCI	0 NFGCI		0 2081 0 0	0	•		0	0	0	<b>e</b>	scan length	SYSTEM	
	2 0 0 0 0 0		0 0 0 0	0 0 0	0 0	0		0		0	æ O	an time init file correl	SYSTEM	
	2 6 6 6 0 0 0	0 0 0 0	0 0 0	0 Q Q	0 0	0		0	0	0	<b>*</b>	mar time inst file corret	SYSTEM	
PARAM d 1PUR 2 11 0 6 6 6 0	211 0 6 6 6 0	0 0 0 0	0 0 0	0 0 0	0 0	0		0	0	0	0	working sector 12	STSILM	
PARAM 0 1PUR 2 0 0 0 0 0 0	2 0 0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0	o		o	0	0	<b>a</b>	auto int arr speed	STSIEM	
PSRAP 148 PSRAP 2 0 0 0 0 0 0	2 0 0 0 0 0	0 0 0 0	0 0 0	0 0 0	0	0		0.	0	0	4 0	ps esg. 1d 1able	2	
0 1CASS 0 195EC 2 0 0 0 0 0		2 0 0 0 0 0	0 0 0 0	0 0 0	0 0	0			0	0	8	rpt score tab	2	
3 1CRSS 3 1PSEC 2 0 0 0 0 0		2 0 0 0 0	0 0 0 0	0 0 0	0				0	0	₹ 0	rat trk	19861	
J 10855 1 195E 2 0 0 0 0 0 0		2 0 0 0 0 0	0 0 0 0	0 0	0 0		_	_	0	0	10	rat r in secondary bin	IRACI	
3 10h55 1 0 0 0 0 0 0			0 0 0	0 0	÷ 0	÷	_	_	0	0	10	rater radar only	IRACE	
3 10RSS 3 1PSEC 2 0 0 0 0 0 0		2 0 0 0 0 0	0 0 0 0	0 0 0	0 0		_	_	0	0	-	rat track numbr	PLACE	
3 1CRSS 1 0 0 0 0 0 0 0	3 0 0 0 0 6	0 0 0 0	0 0 0	0 0 0	0 0	0		ū	0	0	0 1	rat r bearon only	IBACI	
3 (CRSS 3 1PSEC 2 0 0 0 0		2 6 0 0 0	0 0 0 0	0 0 0	•	0		0	•	0	-	rat r trs inder	PRACI	
3 TC#SS 3 1PSEC 2 0 0 0 0 0		2 0 0 0 0	0 0 0	0 0	0 0	٥		0	•	0	- 0	rat, s, th, s, ref, count	TRACE	
3 TCASS 0 0 0 0 0 0 0		0 0 0 0	0 0 0	0 0	0 0	9		0	0	0	0		2	
3 TCRSS 3 7PSEC 2 0 0 0 0 0		2 6 0 0 0	0 0 0	0 0	0			0	a	0	0 1	rat r 1 store	FRACE	

<b></b>	•	•	•	0	•	•		•	•	-	~	•	<b>185</b>	BAR	<b>8</b> 5
1	aretwo rdr only	•	•		•	•		•	•		•	<b>=</b>	A7NB 1KS2 SD41	AZMB1A	23)
1	a.s rdr only	•	•	0	•		•	•	•	•	•	=	A7NB INS I SBB I	A7861A	ž
STSTEM	th rd aut dep range ara	•	•	0	•	0	7	2 11811	0 TPREB	19051 0	0 15080	æ	1965 5	473863	ž
STSTER	Sec aut dep range aza	•		0	•	•	2	2 TPRED	2 13011	O IPRED	0 TSUB	29 FSUBO	- Z	A12862	76.
STSTEM	first auf de range azm	4 O			•	0	0	~	2 1PRED	11111	0 fSUBI	29 15080	INS I	150124	39.
#		•	•	0	•	•	•	•	•	0	•	S7 PB0P	1965 23	AOSPACE	392
2	alt psrap	-	0	0	0	•	•	•	•		~	20 PSIAP	1985 24	AL 11MP2	2
1	ps aftimeter correction	•	•	6	0	0	•	-	O PS#AP	D HTGA	0 106	20 CE11	1 S00	AL TIME	85
ĭ		0	9	0	0	0	•	•	•			21 TEXEC	1985 S	AL SEIFS	<u>8</u>
1		٥	0	0	•		•	•	•		O COM	SA MSAM	1905 35	AL THTSF	蒌
t STSTEM	arriv fit areas ichibited count STSIFM	-	•	0	0	•	0		•	•	2 106	34 11MIT	1965	41.58	œ,
4		6	0	0	0	9	0	0		0		<b>9</b>	2001	AFXAB	<b>25</b>
2		•		0		0	•	•	•	0	0	SI FUD	ADUNUSET SD81	ADUMUS	<b>S</b>
4		•	0	0		0	0	•	0	9	0	S 100	DMT SDB1	ABONCONT	787
2	adiyag psrap	ე <b>0</b>	•			0	ور	0	0	0	2	O PSRAP	1905 9	ADTYRG	383
1		•	0	•	0		•	•	0	•	0 PD0P	=	1905	ABITSI	28
2		•	0	0		•	0		•	0	3 firm	22 CONA	ADTSATLL SOB!	APISA	23
2		,	0 1600	O 1PSEC	0 15081	0 15080	0 MTGC7	O NTGA	0 CATRE	O PSRAP	0 TPUR	S2 TIMIT	1 508 1	ADIJRI	8
2		-	0 ::R11	0 1 5 0 6 0	O TCRSS	1351# 0	9 MIGA	O BRAIS	O PSRAP	O TPUR	0 1600	S2 TEXEC	1 5081	ABSUMT	33
ā		0	4.24 0	0 NTG21	O NTGA	U BRATS	O PSRAP	0 TPUR	O TIMIT	0 IPSEC	O TEDE	S2 TEXEC	7 <b>90</b> S	ADIIPI	378
2		9	ح	•	0	0	0	0	2 15080	0 ICASS	O SHOTH	52 N10CC	Ses	ADRPT	337
1		•	•	c	•	0	0	•	•	•	0	8	Spe	ADROI	376
<b>=</b>		•	•	٠	0	0	0	0	•	•	0 ICRSS	S2 IPSEC	<b>S8</b>	ADRAT	33
1		0	0 ICRSS	O MSAM	2 BRAIS	O TPRED	0 TPUR	O TROUT	O TINIT	O IPSEC	0 1EBC	SI TEXEC	1885	ADMISECT	374
3		0	9	0		9	9	9	0	•	9	51 166		ADF TRS!	373
3			•			0	0	•	•	-	7	S2 TPREB	288	ABBR11E	27
2	-				•	•	•	•	•	•	(3	S2 IPUR	蒉	1967	ñ
3			•			0	0	•	•	~	D SLINE	39 COM	85	TIRATI	378
915	param tabl disp	4 0	2 tipn	o tof	9 IF0	0 1F1	0 Dalp	3 0411	3 COMC	2 CUHB	2 COMA	3 881	395	BC681	ş
4	•	0	•	0	0	0	0	0	•		0	~	2	E01179	3
2	-	-	•	0	•	0	0		•	•	•	~	2	<b>201108</b>	3
Ħ		-		0		0	0	•	•	9	•	~	2	11117	3
<b>3</b>	-	-		•		0	0	0	•	9	•	~	2	B01116	3
2		•	•	0	0	•	0	•	•	•	•	•	<b>10</b>	R01115	3
2	-	•	•	•	0	•	0	0	•	•		~	2	11100	3
2	-	0	0	0	2	0	a	ø	•	0		.,	<u>1</u>	<b>#01113</b>	3
#			•	•		•	0	0		9	•	~	192	F0112	3
1	-	9	•			•	0	0	•	9	•	^	102	Reili	3
\$		•	•	•	•	•	0	9		•	•	~	2	1101	ş
	-	ğ	I IN KK-0004												

										_		11M-KK-1000k				
<u>.</u>	1 JHSM0#	SING	SS IPUR	~		•	•	•	•		•		2	bot track jait scan hit sie	SYSIEM	•
8	DOMSHI?	ins	SS IPUR	~	0	•	0	•	•	_	•	6	2	bot purge scan aisses nar	SYSTEM	۰
=	BuSHET	1985	SS	•	•	•	0	0				0	2	bot window length	STSTEM	•
192	Derovi	See	21 TEXEC	3 1758	_	•	-	0	0	-	_	0	₹	bot over flow count	3	•
103	BAFLG	1985	<u> 104</u>	O BRATS	•	•	•	•	•			9		-	2	•
5	1380	1905	21 TEXEC	3 BRATS	•	0	•	0				•	¥.	bset, trk	TRACE	•
99	123501	1905	23 TEXEC	3 BRATS	•	•	0	0	0				¥.	base sector numbr trk	PRACE	•
28	193581	200	46 MSAH	901 0	•	0	0	0	0			0			2	•
è	CAAL ARM	SMI	2	•	•	0	•	0	•			•			<b>±</b>	•
90	CASENS	1905	21 TEREC	•	•	0	•	0				•			₹	-
<u>\$</u>	CMSL 7.19	<b>508</b>	S7 CA	•	0	•	•	0	0	•		•			<b>±</b>	•
911	CMSLALL	2961	S7 CA	•	0	•		0	0	-		•		-	2	-
=	CHSLINEG SDB	1905	S7 CA	•	•	•	•	•		_	_	•		-	2	•
21	DISTINGET SDB	INGS	57 CE	•	0		•	•	0			•			<b>=</b>	•
<u> </u>	CHSLINEGS SBI		S) C4	•	•	•	•		•			9			=	•
=	C04531	<b>35</b>	S2 TSUBO	0 TPSEC	2 11111	~						•	I cs	cst_ar_scans_unassor_beacon	SYSTEM	•
113	COAST2	1005	52 15000	O IPSEC	2 TINII	2	0	•	0	-		•	- 35	est_mar_scams_assoc_beacom	STSTEM	•
91	C04513	SME	52 15000	0 11/560	2 TINI	2	0	0	•	•			-	uasc rdr coast nar scans	SYSTEM	•
2	COASTA	1905	52 15080	9 195EC	tunt 2	~	•						-	sec_rdr_coast_nar_scans	SYSTEM	-
•	CIESTIS	i <b>s</b>	20 TEREC	O ICASS	•	•	•	0	•			•			2	•
<u>•</u>	CATCSAVE SDB		O PSRAP	<b>n</b>	•	•	•	0	0	•		•	₹	cur_ric_value	2	-
621	CSAMIS	<b>206</b> ]	21 C#17	•	•	0	•	0	0						2	-
5	CSECT	SMI	20 IEXEC	3 PSRAP	3 1005	O FCRSS	2 TINIT	2	0			•	¥0	csect_trik	TRACK	-
22	11383	1965	20 TEXEC	3 PSRAP	3 1005	O TCRSS	2 TIN11	2	•	•		0	5 _	c work sector numbr	TPACE	-
123	CT8RA?	SM	44 BRATS	<b>6</b> C113		•	0	•	9			•			2	-
24	CITAL	1905	=	0 C11P	<b>901 0</b>	O RETP	0	•	0	_					<b>₫</b>	•
125	CT50Y1	1905	23 TEXEC	3 COMA	3 SLINE	3 PPUR	~	0	0			0	÷	ets overflow count	TRACE	•
92	DELXYBTI SOLI	1987	ж	•	•	0	0	0	0				₩ ==	delta i coord sar	STSHEM	•
2)	DELXTOT2 SDB1	1905	æ	•	0	•	0	0	•	_	_	0	0 R del	delta y coord nar	STSTEN	•
<b>8</b> 2	DOYE & 1	<b>SD4</b> .	13 FB0#	•	•					_	_	•			2	•
23	<b>3</b> 1100	SMI	13 7007	•		•		0	•	_	_	•			<b>=</b>	•
8	BUFIRE	1905	22 TUB	0 COMA	3 St 140	O PPSEC	O TINII	I PUR		_	_		10	dupid ilk illag irrk	IRACE	•
<u> </u>		<b>- 18</b>	<b>8</b> <b>9</b>	2	•	•	•	0	0	_	_	•	O L dup	dupid_clear	TRACE	•
25		SINI	38 E0F	O St. INE	0 IPSEC	2 11811	2 IPUR	2		_	_		40	dwpid tab buff	ITACI	-
2	<b>DOF</b> 197	1005	18 CONA	3 100	) St. INC	D TPSEC	3 TIMIT	3 IPUR	~	_	_		4	dupidy	TRACE	•
*	DUPRÉG.	S <b>B</b> 1	2) CE		0					_	_	•			<b>#</b>	•
35	E E	2061	S/ CA	•	•	•		0		_	_	•			<b>4</b>	•
25	EDSENS	2081	20 TEXEC	3031	'n	•		0	•	_	_	•	- 10	ted: process sensor nuelit	2	•
23	10801	1985	S2 IPUR	7	•	•				_	_	•	- 0	bat end possible	IAKE	•
28	ENDRAT	1965	SZ TCRSS	2 17560	~	•		•		_	_	0	0 1 end	end rat inder	ונאכנ	•

.....

1089	35	52 IPUR	7		•	0	27	•	•	0	•	•		2	=
1000	Š	32 mag	2 FFUR	. ~	U BRAIS	# W.C.A	4 H1GC1	0 10855	2 55080	9 14 95	2 11811	- 7	lrs end pointer	18ACI	-
ESPP	3	şr					. 0	. 0			ø			1	•
EIGCAFIG	208	35 CA	0			0	0	•	•	0	0	0		3	•
2	<b>3</b>	*	0	0	0	0	8	0	0	0	•	0	-	1	٩
Z IMBS	<b>S</b>	22 IPSEC	9	•	•	0	•	9	0	0	•	10	finds Ik flag	IRACA	-
FIRM	See	S3 TENIT	2 1908	2 CAIRE	0 15080	19451 0	O IFPC	2 11/26	2	0	•	4 0	firances tub trk	SYSTEM	•
FIRST	<b>198</b>	14 7590	2 TPUR	2 11N11	2 100	3 PPSFC	2 H.	2 St 18t	~	٩	0	4 0	first, to	FRACE	•
FIRSTI	SE	=	•		0	O NIGA	0 81601	0 1600	2 SCINE	0 10vP	Pus 6	1.2	first controlled track file	FRACE	-
FIIST	<del>-</del>	IN Thir	2 100	3 SL INR	2	0.401	2 1758.0	2 CORM	2 CR11	0 111	2	1 0	first controlled track file	13781	•
F18572	ži Ži	HATTH!	2 19586	2 St INt	2 1908	2 AU!	6 I 14	2 17.1	3 1UB	~	63	1 0	courts track falls count	IRACE	•
FREFER	<b>S</b>	18 1600	2 IPSEC	0 11HI!	O IPUR	O LPRED	O AL 18KR	0 NSAN	O NIGA	13511 0	O IFFICES	0		3	0
FREZER	200	18 15460	6 15UB1	•	•	0	0	0	0	0	0	0	-	<b>4</b>	•
<b>GAL</b> 735	<u> </u>	34 106	0 CBJ7	D MSAM	0	•	0	0	0		•			2	•
CIESMI	SEC	17 CONA	3 St. SME	D IPUR	ø	0	9		0	0	•	0		2	_
GHSWBS	<b>1</b>	17 CONA	3 54 180	0 1PUR	•	•	0		0	0	•	0		3	_
IAIIRI	<b>SB</b>	23 TIMIT	~	•	•	•	0	¢	0	0	•	¥ 0	inner range arm tab	SYSTEM	Ū
142112	Ë	24 TINIT	~	•	0	•	•	•	0	0	•	4 0	sec_inner_range_arm_lab	SYSTEM	•
INSERS	SBE	20 TIMIT	•		•		•	0	0	0	•	10	Linst process sensor numbr	\$	Ī
182 02	S S	57 CA	0 CM 10	0 CATU	<b>JO1</b> 0	•	•	0	0	0	•	0		2	Ī
1181	1965	2) (2	O TROUT	•		9	0	0	0	0	0	0		1	_
11151.12	2001	S) CA	0 TROUT	•	•	•	0	•	•	0	•	9		\$	
2	Spa	24 TINIT	2	•	•	•	0	0	0	0	•	-	thrd in range arm ify	STSTER	
TOF UM. K	<del>-</del>	35 109	•	•	•	6	•	0	0		•			4	
LATENDI	200	1 TEXEC			•	•	•	•	0	9	•	0		2	
1.007451	INS	44 C11P	•	•	•	•	•	0	•		•			2	
LSRITHP	2041	S1 TD0P	O TRAB	~	•	•	0	0	0	0	<b>.</b>	0		2	
TSELLERP	<b>308</b>	SI CALERI	O COMA	2 COMB	2 COMC	2 DOP	111 0	0 110	9110	0 1%	0 MPEB	~		<b>=</b>	
LSRZTHP	ŝ	SI DBATH	O TEDORS	0 TIMES	0 IPRED	O IPSEC	•	0	0	•	•	ی		<b>2</b>	
LSR2TNP	Sea	SI SLIM	O CONA	2 IFI	2 IOF	•	0	0 MAT	2 MSAN	O MTP	D SHOTH	0		<b>4</b>	
R.M.	蒙	×	D COME	~	9	~	0	9	0	0	4	0		2	
EAL TH	<b>18</b>	34 MSAN	O CATU	0 COM	~	•	0	0	0		•	•		2	
MATT2M	206	JS MAI	-	•	•			•	0	0	•			3	
MSAMAL 20	2005	34 HSAN	•	6	•	0	•	0	•		•			3	
MSAMEF?	<u>s</u>	35 HSAN	900 0	•	•	•	0	0	0	•	•			2	
NSC041	1805	35 ALIBER	O ALTRERI	901 0	0 15060	19051 0	•	0	•	0	•	•		1	_
MSSEMS	288	21 16x60	D MSAM	•	•	•	•	0	•	•	0			3	
MIOPORIS	<u>m</u>	\$	•	•	•	•	•	•	•	•	•	•		2	
100	iii	47 TPSEC	8 I 78	41	~	M 20	0 16 00	2 ICHSS	•	•	•			2	-
14014	SBB	10 106	-	•	D MSAM	0 H19		9 100	2	INI O	2 IPRED		•	2	Ī

43	MIOP	SPRI	13	O CALERY	O CAIRE	O CONTA	2 Crietta	~	0 06418	111 0	2 MAI	2 119	٥	-	2	•
D8+	HABBROKE SOB!	2005	45 170	9 1.19	0	•	0	0	•	0	0	•	-	-	<b>=</b>	-
<b>12</b>	HRDGMOK! SIN!	SE	\$		•	•		•		0	•				2	•
485	INSERSORT SORT	306	45 AUT	2 IPUR	2 CDR	2 CONA	2 CUMC	2 CR11	0 JFI	2 160	0 10	2	-0	number sensors spara	SYSTEM	•
<b>19</b>	NSENSORI SDBI	. 308.1	47 TEDERS	O IEXEC	2 TIMIT	3 IPUR	· fRAÐ	2 IROUI	2 ISUNO	•	O FPUR	2 1600	- 2	number sensors spara	SYSTEM	
ŧ.	NSENSORY SDB)	SM1	<b>*</b>	O NSAW	D NTGA	O MIGCI	O PAUS	2	O TPSEC	2 SCTME	2 St 1MK	2 SHABS	-	number sensors spara	SYSTEM	•
253	M R	1905	22 CONIA	3 52 [88	0 IPUR	•	0	0	•	0	•	•	10	nith subroutine is locked out	FRACE	•
184	MUNICALL	1805	45 CRIT	O NISA	O MIGEI	O SHABS	o	a	0	•	٥	•	10	num diply sparm	SYSTEM	•
<b>/R</b>	NUMBER 1	2003	4S CRIT		0		0	r	0			-	10	nun keyd sparm	SYSTEM	0
4K8	MUNIOR:	SPRI	46 CDR	2 CR11	O IFI	O MAT	2 MIGCI	O MIP	0 PSBL0	O SWABS	0 100	2 TUBS 1	2 1	nus the spars	SYSTEM	۵
684	NX TRAD	1905	35 CONC	•	0	•	0	9			0	•	•		#	•
06‡	041061	1808	23 TIMIT	7	0	•		•		•	0		-	first out range arm	SYSTEM	
161	042082	206.	23 11MIT	~		•		•	•		9		-0	, eze abuer ino pas	STSIFM	-
26	043083	Ē	24 TINII	2			•	0			0		-0	thed out sange as	SYSTEM	-
£63	ORICSAYE SDB1	1965	B PSRAP	•	•		•	0	0		0	0	7 0	old_rtc_value	**	0
<b>6</b>	PSPACE	SON	57 PD09		0		0	9	9	•		0			M.	0
\$67	OSPACEL	1985	25	0		8	0	0	0	0	9	۵	o		2	-
767	0SPACE2	Spei	25	•	0	0		0	0		0	•	0		2	
161	OSPACE 3	2061	23	0	•	•	•	0	0	•	0	•	•		1	
867	PAUST	SON	1 PAUS	0 PSBED	0	•	0	0	0	0	0	0	0		\$	
£	PBUFCTI	1905	0	0	•	•		•	0		0	0	0		<b>3</b>	•
995	PBUFCT2	1903		•	•	0	•	0	0	0	0	0	-0	dsply builter length	2	
ş	MIN	i <b>N</b>		0	0	0	0	0	9	0	0	0	0		2	•
<b>25</b>	PRSENS	i es	20 1844 1	۵	9	0	0	0	0	0	0	•	0 1	tpred process sensor muntr	7	0
<del>2</del> 95	PSSENS	1805	23541 02	0	•		0	•	0	0	0	0	9		72	0
204	PUSEMS	SPAL	20 TEXEC	0		0	•	0	0		0	•	0		\$	ø
<b>8</b> 8	BAADT	1805	34 MSAW	0 COM8	<b>m</b>	0	0	0	0	0	0		0		2	•
206	RATPIT	1805	21 fCRSS	•	0	0	0	0	0	0	0	•	4 0	rat pointer tab	TRACE	•
<b>/9</b> 5	MIPITE	SMI	21 fCRSS	₩7	9	0	0	0	0	0	0	0	0	rat, sec nua	IRACE	c
805	RATP112	SON 1	21 FCRSS	-		•	0	0	0	0	0	0	1 0	f rat in sec	PRACE	•
5	RAIXII	1905	21 10855	2		0	0	0	•	0	0	0	٧ 0	rat init slot tab	FRACE	•
510	RATXITI	1905	21 TCRSS		0	0	0	0	0	0	0		0 1	rat nert slot inder	FRACE	•
\$11	RATKITZ	1005	21 FCRSS	0	•	•	0	9	0	0	9	0	9		2	•
215	RATX113	1965	21 TCRSS	-	0	0	0	0	0	0	0	0	-	rat final inder	TRACK	٠
513	<b>IBMSHT</b> !	S08.	SS IPUR	7	-	0	0	0	0			•	- 0	bart tinit scan hit oin	STSEEN	•
\$16	RBMSH12	SO# 1	SS 1PUR	2	0	0	•	0		0	0		~	bart t purge scan diss nar	STSTEM	•
\$15	RBSHET	1905	SS TPHR	2	0	0	0	0	0		0	0		bart mindon length	STSTEN	۰
316	INGS [SNESSMI	1905	44 PSRAP	•	0		0	0	0	0	0	0	0		3	•
217	RINGB 1MS2 SDB1	1905	=	0	0		0	0		0	0				<b>1</b>	•
518	ROMSHII SOO	1005	56 1PUR	9	0	0	a	0	0	0	0	•	•		2	•

SYSIEM NA. MA.	<b>2</b>	ž <b>ž</b>	±		1	12	¥	NA NA		7	<b>1</b>	2	5	9	FRACE	TPACE 0	lkači 0	0	0	NA O	2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1	•	<b>3</b>	*			1	0	2	2	1	I BACI	1	1	3
	bands sea statter of abi				ett, Dask				-	-				-	sast tri	Sast str. trs starting inder	sast sec mustic of targets																	s scan time	rale delta scan tine	ect delta scan tine	
• -	¥ 0		6	c	.⇒	<b>⇔</b> 		•	٥	<b>&gt;</b>	•	0	•	6	¥ 0	0	0 ]	٠,	9	¢	6	<b>5</b>	•	9	0	•		•	0	0	0	0	•	7.	ă	<b>*</b>	0
		9	0	0	0	9		っ	0	0	0	0	0	÷	0	٠,	0	9	0	0	•	0	9	0	0	•	0	9	D.	0	0	•	•	O PSRAP	•	•	0
		0	9	•	2	ú	0	0	0	0	5	0	ū	0	2	11M11 2	a	9	0	0	•	9	0	0	9	0	0	0	0	0	•	0	0	O MSAN	0	-	
,	0	0	0	9	=	0	0	•	9		0	•	9	ũ	0 10853	n ICASS		0	ũ	<b>5</b>	c	0	e:	9	9	0	0	5	=	0	•	0	9	0 CA1U			
		0	0	0	Œ	0	0	c.		9	0	c.	မ		0 1500	0 15080	0.1569	0	0	<b>•</b>	0	Ð	0	0			•	0	0		•	•	0	O CAIRE	•		0
	9	9	0	¢,	JISUF	0	ů	0	0	•	0	0	=	0	0 ILDORS	O LEDORS	O TEDURS	0	0	0	0	0	0	0	0	9	÷	0	0		0	0	0	O ALTRERI	0	0	
	9	0	0	Û	0 13060	0	•	0	0	0		0	0	0	D NEGCT	O NTGC!	O NIGCI	0	0	0	0	0	0	6			•	0	0		9	•	0	2 ALTRER	•	•	•
	0 15001	0	0	0	O IEXEC	0	0	0	0		0		8	0	2 BRAIS	2 BRATS	2 BRATS	ç,	•	0	0	•	0	•	0	•	0		0	0	•	0	0	2 19863	•	•	
	0 15080	0 MIGCI	0 NIGCI	0 MIGG	O PSRAP	0	•			0	0		0	•	2 IPUR	2 TPUR	2 IPUR	0	0	•		•	0	•	9	•	•	•	•	•	•	-	•	0 IPUR	•	•	•
•	2 IPUR	O MIGA	O MTGA	O NTGA		₩ 10 10	0	•	•	•	0		8		3 1600	3 1600	3 1600	ø	•	0	0	•	•	0	•	0	0	0	0	•		•	•	2 11817	~	_	O TEXEC
	38. 1986	13	13	11	SS CATU	~	==	=	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	15 TEXEC	15 TEXEC	15 PEXEC	21	21	=	13	15	21	=	~	13	=	15	21	21 IEXEC	=	21	=	22 17%0	II PSRAP	II PSRAP	1 SCINE
SDB1	5981	1905	1905	SD8 !	1905	1905	2061	1905	1905	1905	2081	1805	₹MS	1805	1868	SMEI	1 MS	SDEE	SD#1	1985	2961	506 (	<b>296</b> 1	SMI	SDB !	SPR	SDAL	1905	Spe	SDB	SMI	1961	SBG1	1963	5 <b>06</b> 3	196	2001
le levi		INC. IN	PPC1R2	RPCIAS	RICHASKI SOBI	SZTIME	SALARNSI SDBJ	SALARMS2 SDB1	SALTICOL SOBI	SAL 18092 SD81	SALTECES SUBS	SAL IBCDA SOBI	SAL TREBS SBN	SALIBODE SOBI	SASTIT	SASTITE	SAS1112	SBAOT					SBBRA	SABR	_					SHESENS		SET 185		SCANIT	SCAMOTI SDB.	SCAMOT? SMI	SCTRE 11
7.7	225	223	234	\$33	\$26	251	828	833	230	IS.	215	553	53	535	23%	537	5.26	539	95	₹	33	25	ž	<b>35</b>	35	3	875	5 <del>4</del> 9	330	251	252	553	\$54	SSS	356	22)	558

•	0	•	•	•	0	•	•	0	0	•	0	0	•	•	•	•	•	•	•	٥	•	•	•	•		•	0	•	•	•	•	•	•	٠	•	•	0	
\$	ž	2	2	4	IRACK	TRACE	IRACE	PSRAP	3	2	2	#	₹	2	2	2	1	₫	2	2	2	3	2	1	1	2	1	2	2	#	1	ž	2	1	1	1	1	
٠	-			lost sector count	slink princenson	slink seem sensor	trk sensor number	s report quality code	S, rep. hat count min	sec 180 deg behind number		-				ps in bi len	psrap alara counter clear rte		psrap time to clear error cat	ps curr sec quadi punbi	ps.in_fail_sequence_flag	ps del scan tine sua	synth update enabl	reports in trs			s, in start inder	leap input start inder	cnsctv, fai) cnt	tine last fail	sipids, lemp psrap							
•	•	• ~	• 	0	0 1	0	5	-	=	0 1	0	-	•	ø	•	9.4	0	•	0	0 1	0	1 0	10	0	0	0	0	10	•	0	9	0	0	0	0	0	0	
•	•	9	•	•		-	•	0	•	0	9	•	•	0	•	•	6	•	•	۵	0	•	•	0	0	0	0	0	•	•	•	0	0	0	•	0	•	
•	•	0	0	•	0	0	0	9	9	0	0	0	•	9	0	•	۵	0	0	6	0	0	0	0	0	0	0	0	Q	0	0	0	0	0	0	0	0	
•	0	0	•	•	0	•	•	0	0	0	0	0	•	9	0	0	0	•	0	۵	0	0	e	0	0	۵	0	0	0	0	0	•	0	0	•	0	0	
<b>-</b>	•	•	•	0	9	•	0	•	•	0	0	•	•	9	•	0	0	•	•	0	0	•		0	0	•	•	•	3	•	٥	•	0	0	•	•	0	
-	•	•	•	•	0	0	•	•	•	0	0	0	•	9	•	0	٥	•	•	•	0	0	0	9	0	•	•	0	0	0	o	•	0	0	•	0	•	
•	•	•	ο.	•	•	0	•	•	•	0	•	0	•	9	-	0	0	•	0	•	0	•	a	0	•	a	•	•	•	•	•	•	•	0	•	9	•	
•	•	•	•	0	•	-	•	0	•	•	•	•	•	•	0	•	8	•	•	9	•	•	0	•	•	0	•	•	6	•	-	•	•	0	0	0	•	
•	-		-	•	•	•	2	•	-	•	-	•	•	•	0	0	0	0	0	9	-	•	9	0	•	0	•	•	٥	•	•	-	•	0	۰	•	•	
O PERÍC	0 14.46	0 1EXEC	O IEXEC	0	-	~	3 11811	~	2	-	0	•			0	2		0	2	~	•	-	•	~	0	a	•	-	Q	0	7	0	0	0	0	0	0	
1 501	# SS -	I SCINE	1 SCINE	21 IEKEC	21 SL 14E	21 SL INF	20 HEYEC	10 PSRAP	10 PSRAP	7 PSBAP	ŧ	<b>=</b>	7	7	•	J PSRAP	3 PSRAP	•	9 PSRAP	9 PSRAF	O PSRAP	7 PSRAP	8 PSRAP	7 PSRAP	21	13	4 PSRAP	4 PSRAP	4 PSRAF	+ 258.4	0 PSRAP	-	-	-	-	-	-	
SCINET? SBOI	SCINETS SHOT	SCHETA SMI	SCINETS SOBI	SKOLST SMI	STIGRE SPEE	SEMBLY SOBI	SENSUS SBB1	SHTMRESI SDBI	SHIME 52 5061	1808 8081415	SEPALNTE SOLL	SIPALNI? SOCI	SIPALNIS SB01	STPANSIS SOUL	S1987 SDB1	SIPPLUF SDB1	SIPCLRIC SOR!	SIPCLTIN SBOI	SIPCLTIM SOOL	1905 183415	SIPCS# SMI	SIPCST SMI	SIPCSU SBB1	SIPCE SOUL	SIPB SBB1	51PE 5 <b>D4</b> 1	SIPEMBII SDBI	SIPEMBIZ SB61	SIPFATET SBB1	SIPFAIL2 SMI	SIPFBS SDB1	51771611 5041	SIPFLG12 SDB1	SIPF1613 SDB1	SIP1614 SB1	SPF1615 5061	SIPFLG16 SDB1	
ŝ	¥.	<del>3</del>	¥	75	3	ŝ	995	35	995	ŝ	5/0	1/5	215	175	574	\$18	376	213	8/8	\$73	98	<b>3</b>	<b>29</b>	<del>3</del> 8	<b>Ž</b>	ŝ	≸	Ŕ	<b>3</b> 3	<del>§</del>	7	185	265	293	394	£	3%	

•	9	•	7	9	9	0	0	•	•	0	9	•	•	•	•	•	•	•	0	•	•	•	•	0	0	•	0	•	•	•	•	۰	•	•	0	•	•	•	•
1	3	2	갤	¥	PSRAF.	2	2	2	2	Z	2	<b>4</b>	2	Z	#	2	2	#	4	3	ŧ	2	#	<b>2</b>	1	3	3	<b>‡</b>	ī	#	ĭ	≨	ī	¥	2	2	₹	1	ī
ting by the deald fail	Int.psf laput			jung: pi dem butestm .	ps sectr ail cate	ps mit flag		ps input words to proc	ps input words prox			sect num init	s in par proc start index	isput, fiel avert, inder					rdi_asq_store						flag to city asy buffer	num nords asq buf							s synthet update is disabled						
ur.	0 1	0		0	0	10	0			0	-		0 1	0	0	٥	•	0	¥ 0	9	٥	9	o	c	10	9	9	•	•	15	0	0	70	0	0	•	•	•	•
C	•	0	9	c.	6	Þ			Ε.	٠,		2	0	e,	ø	0	0	2	9	٠	•	0	c	6	g	0	9	•	Ð	0	6	0	0	0	0	0	0	0	0
د	O	0	3	•	636	*3	0	D	IJ	9	S	9	3	0	Đ	0	0	÷	Đ	0	0	0	0	0	0	c	ņ	9	ē	0	0	0	0	0	0	0	0	0	0
0	•	٥	c	0	0	0	0	6	6	G	θ	0	•	0	0	0	£°	9	•	0	0	0	¢	9	=	9	0	9	•	0	0	0	0	0	0	0	0	0	0
9	æ	د	9	0	Đ	9	c	ţ,	e	0	ت	0	0	•	0	0	0	9	3	0	ű	0	0	c;	9	3	o	0	Ð	э	0	•	9	0	0	0	•	•	0
=	=	=	0	=	9	э	•	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	·	0	0	0	0	0	•	0	0	0	•	0	0	0	0
-	э	0	=	6	e	0	0	e	0	0	0	0	•	0	0	0	9	0	•	0	0	0	0	0	0	0	0	•	0	0	0	0	0	0	•	0	•	•	•
•	0	•	•	3	0	9	0	•	0	0	0	0	0	9	Ф	0	•	0	0	a	•	0	0	•	•	٥	•	0	•	•	0	0	0	•	•	0	0	•	•
9	-	₽	0	29	c.	>	Đ	0	63	9	0	0	•	۰	0	0	•	0	0	0	0	•	0	0	•	•	•	0	0	•	•	0	0	0	0	•	•	•	•
0	-	0	5	~	5	~	0	9	9	0	0	n	•	~	0	•	•	9	٠	0	٠	•	0	9	~	•	0	•	0	2	•	•	~	0	•	•	•	•	0
S PUBAP	12 PSRAP	12 PSRAP	12 PSRAP	S PSARP	4 PSRAP	4 PSRAP	39 FSRAP	6 PSKAP	6 PSRAP	5 PSBAP	S PORAP	S PSRAP	5 PSRAP	3 PSRAP	3 PSRAP	40 PSRAP	40 PSRAP	7 PSRAP	D PSRAP	O PSRAP	O PSRAP	O PSRAP	O PSRAP	D PSRAP	O PSRAP	0 PSRAP	8 PSRAP	8 PSRAP	8 PSRAP	38 PSRAP	9 PSRAP	9 PSRAP	8 PSRAP	8 PSRAP	2 PSRAP	B PSRAP	~	12 PSRAP	12 PSRAP
189S	1805	1805	1808	1905	Suti	1965	2081	1805	1905	1905	1905	SD# 2	SDB1	1905	SOBI	1905	S08.	SDBI	<u> </u>	2061	SPE	1905	2081	SD4.	SDB1	1905	1 905	1905	201	SD8.2	1805	1905	I <b>8</b> dS	1905	SOFI	1805	<b>S</b>		208
STPERE SON	SIPICIN SOBI	SIPTCINI SOBI	SIPICINS SOBI	1805 8301415	SIPIFGI SUBI	31FTFLG2 598J	SIPINADR SOBI	SIPIMBI SOBI	SIPIND2 SD61	SIPIPCII SOBI	SIPIPCIZ SOBI	SIPIPEXI SUB!	SIPIPEK2 SDB1	SIP1701 SOBI	S1P11012 S0B1	SIPLAB SDB1	SPRLP	SIPLOM	SIPHOC	SIPHOC2	SIPMOC3 SDB1	SIPMOCA SDB1	SIPMOCS SOBI	STPMC6 SD41	SIPMOII SDB1	SIPROIZ SOBI	SIPMIB SD81	SIPHIPI SOBI	SIPMIP2 SOBI	SIPHCA	SIPOLSI SDB1	51P01.52 5081	S1P0SU		SIPPLE	SIPPSENS SOBI	SIPPU	SIPRACE SOBI	SIPRACS
83	009	10,	\$05	603	604	\$09	606	(60)	809	ફ	019	119	219	<b>613</b>	119	\$19	919	(19	919	619	620	129	622	623	624	625	929	62)	629	629	03.9	631	259	633	634	635	97,9	637	829

0 0 0 0	A 4 4 4 4	* * ;	11 T	44		0 111	9		9	2	· 104 0	**	2	9		PSRAP 0	NA 0	9	4	PSRAP			PSRAP 0	NA 0	PSRAP 0	NA BA	2	PSRAP 0	PSRAP 0	NA O	NA 0	NA O	2	2	0	2	4	0
				last_printl_rtc	printl delta rtc	leng rit value	ps_in_buffer_pointer			s_tout_error_count	srap last work input but patr				ps sec mark cero was found	ps sec zero a is espectd	sipsfa	last printz rte	print2_delta_rtc	ps della sector time	ps sec out of seq count	ps_nerl_expectd_sector_numbr	s has started up	s sec_ak_is_late	s_startup_rtc			s invalid sector mark count	S_inv_Sector_max		s out sector declare its	ps in asg teap store						stap tere 1/0
<b>.</b>		•	•	•	0		- -	-	•	-	10	•	•	0	10	10	10	•	0	9 0	10	1 9	10	10	0	6	0	:	-0	0	<b>H</b> 0	6 A	0	•	•	0	0	0
	•	0	•	9	0	0	9	0	•	•	0	•	•	•	0	0	0	•	0	0	•	0	•	0	0	0	0	0	0	0	0	0	a	0	•	0	0	•
0		9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•		•	0	0	0	0	ø	0	•	•	•	0	0	0	0	0	0	0	•	0	0	0	0	•	•	0	0	•	0	9	0	9	0	0	0	0	0	0
0		•	•	•	•	•	0	-		•	•	•	•	-	•	0	ت -	•	0	9 1	0	0	0	0	•	•	0	0	-	•	0 0	•	•	•	•	0	0	•
0		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n 0	0	0		0	0	0	0	0	0	0	0	0	0	0
0		•	•		0	0	9	0			•		0	0		-		0	ø	0		0	0	0	0	Ð	•	0		0	0	0	0			0		0
_	•	0	•	0	•	•	9	0	0	0		0	0	ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	٥	6	0	0	•	0
	•	0	0	~	-	-	2	0	~	_	_		۵		-	~	7	0	0	-	~	-	~	-	-	0	0	-	2	0	n	~	0	0	0			•
12 PSRAP		40 PSRAP	40 PSRAP	9 PSRAP	9 PSRAP	7 PSRAP	3 PSRAP	\$	40 PSRAP	3 PSRAP	3 PSRAP	3 PSRAP	S PSRAP	S PSRAP	7 PSRAP	7 PSRAP	0 PSRAP	9 PSRAP	9 PSRAP	7 PSRAP	6 PSRAP	6 PSRAP	8 PSRAP	9 PSRAP	5 PSRAP	2 PSRAP	10 PSRAP	10 PSRAP	10 PSRAP	40 PSRAP	7 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	13 PSRAP
	SIPRIC SOBI	SIPRICTI SOBI	SIPRICIZ SBBI	S178071 S001	SIPROIZ SOSI	SIPRIC SDAIL	1805 82915	SIPSBAD SOBI	SIPSBAB SMI	5175611 5081	SIPS#12 SB81	SIPSEINS SDB1	SIPSENSI SMI	SIPSENSZ SIBI	1805 1235415	S1PS£22 S081	SIPSFH SDB1	SIPSFIL SOBI	S1PSF12 S081	SIPSIC SDB1	\$1PSME1 SD#1	SIPSME2 SD01	S1PSSF1 SD81	SIPSSF2 SDB1	SIPSTART SOB!	SIPSTAT SDAN	S1PSTS S081	S1PS1S1 S081	SIPSTS2 SOBI	1805 125418	5191 5061	SIPTEMP SD&?	STPTEMP2 SOBI	SIPTEMP3 SOLI	STPTEMP4 SDB1	SIPTEMPS SOBI	SIPIEMP6 SOBI	519110 5081
	149	219	£	¥.	945	949	79	87	<b>5</b>	93	53	3	53	159	\$35	95,9	<b>(</b> \$9	859	659	099	199	299	£ 99	199	\$65	99	199	899	699	9/9	1/9	219	6/3	1/9	\$73	9/9	119	8/9

۰	3	•	•	0	•	٥	7	•	•		•	0	•	0	-	•	•	•	0	0	•	•	9	•	9	0	•	0	0	0	•	0	0	•	•	•	•	٥	•
2	\$	<b>±</b>	2	1	2	4	<b>¥</b>	2	#	2	2	1	결	2	*	<b>Z</b>	1	2	2	2	7	IRACK	2	¥	TRACE	2	2	2	결	¥	\$	#	<b>£</b>	2	2	2	<b>3</b>	2	2
	last change ite	15#14is	Suptag?	Suplay	Siptage	ps teep targ store						•				s sec 0 natt Scan count	s sert 0 mail scan flat					slink entry rtc			slink track was found							side a repart count	s rd o bar report					: enabled	
9	65 63	6	<b>.</b>	t	æ	4	0			g.	•	<u>e</u>	0	8	၁	- 6	0 1	9	9	~	e	1 6	0	မ	- 0	0	O	>	<b>5</b>	0	=	0 1	<u>.</u>	÷	ث	0	c	~	0
0	•	0	0	0	•	0	0	0	20	0	0	Ф	•	0	0	9	9	Ð	•	0	0	0	0	0	0	0	0	0	0	6	Ü	0	0	•	0	73	٠	0	•
9	0	•	0	o	•	•	0	0	¢.	ۍ	0	O	0	0	•	0	0	0	0	9	0	0	5	9	0	0	0	9	÷	9	0	0	0	•	0	0	0	0	0
73	0	0	0	9	0	6	0	•	•	9	0	0	0	0	•	ت	0	0	0	0	•	0	æ	Đ	n	0	0	0	9	0	0	3	0	•	0	0	0	9	0
⇒	c	ø	Ð	0	0	Э	6	9	G	0	0	0	0	0	•	9	в	9	0	0	0	0	9	0	0	0	0	0		Ð	0	0	0	0	9	•	•	0	0
0	9	٥	3	•	o	9	0	37	0	7	0	9	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	9	0	•	0	6
0	0	3	9	0	2	6	ت	9	0	0	O.	c	0	•	0	0	-	0	0	•	0	•	0	0	0	Đ	0	•	•	•	•	Đ	•	-	0	•	•	9	0
•	9	>	0	0	0	0	0	0	0	0	6	0	0	9	0	•	0	0	0	٠	11 0 IPUR	0	0	0	0	0		0	9	0	0	0	•	-	0	6	-	•	•
•	•	•	0	0	9	0	0	0	0	0	0	•	0	•	•	0	-	0	0	-	0 11M11	0	0	0	0	0	0	0	0	0	0	2	~	0	•	-	0	•	•
•	~	-	-	_	-	•	0	0	0	0		0	0	0	0	-	~	•	11N11 0	•	0 IPSEC	₩	O COMA	•		•	0	•	•	0 S061R0	0 SDB1R0	3 CDR	2 CDR	0	0 508180	•	•	2 106	0 SD#1R0
13 PSRAP	4 PSRAP	O PSRAP	U PSRAP	O PSRAP	0 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	6 PSRAP	ID PSRAP	10 PSRAP	41 PSRAP	40 PSRAP	B PSRAP	B PSRAP	38 PSRAP	38 St. 1ME	38 St. 140	38 51 180	1 51,100	39	83	I SLINK	13	13	12	15	15	13	10 PSRAP	10 PSRAP	8 PSRAP	=	3 PSRAP	3 PSRAP	2 PSUV	=
1905	206	1865	200	Spd	1908	1995	1905	Spe	SPB1	<b>208</b> 1	SBE	\$ <b>00</b> \$	SM	2961	3061	1905	SDB1	SDB1	SMI	SDB1	SDE	1905	Spe	T SSE	3981	SOR	Spel	i i	SDB	See	SDE	SD8.	- RS	SD#1	SOF	5061	ī.	306	SD#1
SIPTING	SIPIL!	SIPTRGI	SIPING2	SIPING	\$181M64	SIPIRKI	SIPTRE? SDB1	SPIRKS SDB1	SIPTREA SDB3	SIPIRES	SIPTHYS SBB!	SIPTIFE SDB	511112	SIPUL	RSUATS	SIPUS?!	SIPMS22 SDB1	SICH	Stell	SECRICE SOBI	31915	SLAKTA	31.71.8	SUILE	S. 188	SMPOFF	SHPRES	SNPRDF	SMPRI	SMPSF	SMP10	SHRORPI	SHRORP? SDB1	SOVERI	SRA01	SRAPHT1 SDB1	SRAPNT2 SP41	SHAPOFF	SRIC
1.79	93	<b>3</b>	289	633	3	ž	8	(89)	38	689	069	169	269	693	694	695	969	633	869	6.9	700	102	702	703	704	702	796	707	708	709	710	711	712	213	*	715	91/	111	718

		•	9	-	0	0	8	6	۵	۵		2
6 PSRAP	~	•	0	0	0	0	•	0	•	1 0	s. Irs, inder	2
6 PSRAP	-	0	0	0	0	0	0	0	0	10	s, c, sector, report, count	PSRAP
=	0 508 180	0	0	0	0	0	*	0	0	0		3
=	0 506180		0	0	0	0	0	0	0	0		#
=	0 500180	0	e		0	0	0	0	0	0		<b>±</b>
=	0 506180	•	0	0	0	0	0	0	0	0		#
=	0 508180	0	0	0	0	•	0	0	0	0		2
=	O SDBJRU	•	0	0	0	0	0	0	0	0		≨
=	0 508180	0	0	0	0	•	æ	0	0	0		<b>Ξ</b>
=	D SD61R0	0	0	•	0	0	6	0	0	•		≇
=	0 508180	•	0	0	0		0	0	0	0		2
8 PSRAP	-	•		0	0	0	0	0	0	0 1	S neat avail tes inder	<b>3</b>
=	0 508180	0	0	9	0	0	9	0	0	0		₹
18 1756	0 CDS	•	•	D COMC	NSAN 0	O RCOMR	O SLINT	O TINIT	O 1PUR	0		2
2	901 0	0	0 P00P		0	0	0	0	0	0		1
16 1955	2	0		0	0	0	0	0	0	¥ 0	Stine trk	IRACE
22 1E XEC	O PAUS	O TRAD	3 PSRAP	•	0	0	0	0	0	0		\$
41 PSRAP			•		•	•	0	0	0	0		<b>±</b>
<b>=</b>		•	0	0	0	0	0	0	0	0		#
=	•	•		•	•	0	0	0		0		\$
=		0	0	0	٥	0	0	0	0	0		\$
2	•	•	•	0	•	0	0		0	•		ž
SI SWABS	0	0	٠	0	0	0	0	0	0	•		ī
SI SWABS	0	0	0	0	0	0	0	0	•	0		‡
2 PSRAP	0 IOF		•	0	•	•		0	0	0		¥
SI SHABS	0	•	9	0	0	•	0	0	0	0		7
SI SWABS	•	0	0	0	0	0	0	0	0	9		2
2	90X 0	0	0	0	0	0	0	0		0		≨
SI SWABS	0	0	0	0	0	0	0.	0	0	0		2
1 TEXEC	•	0	0	0	0	0	0	0	0	0		<b>£</b>
46 10F	O MTGCT	O PSRAP	7	0	0	0	0	0		¥ 0	rdr proc disable tab	#
<b>=</b>	0	0	0	0	0	0	0	9	0	0		2
20 105	O MTGA	0	0	0	0	0	0	0	0	٥		2
90	•	0	0	0	0	0	0	0	0	0		#
35 114[1	O CONA	I EDFA	0 MAI	~	0	0	0	0	0	0		2
23	•	0	0	0	0	•	0	0	0	0		#
13 1058	0 106	0 PD0P	0	•	0	0		0	9	0		#
17 1956	D IZMET	O IPUR	0 19860	•	0 1600	2 ALTRER	O COR	2 106	0	0		3
17 1945 1	71811	_	-	1500	11.24	0	G MIAC!	SEPRIE O	o Icuto			

IIDE S	SDBI	17 CONA	3 SLINK	0 1PUR	0	0	₹.	-	0	Ð	0	=		\$
NSCOR! S	1905	35 At 1868?	O ALIRERS	0 104	0 15080	0 19091	2	a)	0	0	9	-		ŧ
~	1805	57 1600	2 11MI1	1 IPSES	7 IPUR	3 1535 9		t,		ė	0	. 6	trial frack number and	STSTEM
"	1961	57 IF8ED	3 iPSEC	٠,	3	0	-5	**	۵	<b>a</b>	G	=	normal track pusher man	STSILM
S	SDB1	, St	0	0	÷	0	9	ı	ū	0	0	_		ž
13	1965	56 10855	2	9	0	7	0	e.	0	<b>\$</b>	0	£.	rat length	SIL
S	1925	\$6 10855	0	0	9	ū	~	٠	ņ	0	0	÷	1 Shous 1	STSUR
RAXIP S	1005	INI iS (*	~	Đ	9	0	2	2	-3	~	ల	÷	a reord translation lab	SUCHS
IRATE S	1905	36.2 TS 94	2	9	0	0	=	0	0	÷	Þ	95	t court time in the	51.16.8
IREXT! S	1905	45 SLINE	9 TGRSS	O IPSEC	0 IINII	16-91	40.11.08	3 11-13	0.491	. Ged 6	, ii 0	·		7
S ZIXIS	1935	2031 (	0 TCRSS	O PSEC	0 11811	9-1-61	301.3	61911 5	GHL B	5 51144	364 6	o		2
TRSFNS S	1965	20 IROUI	•	25	ņ	Ů	2	<u>.</u>		53	ę.	-	frest process susse nutter	ö
INSTINCT SOBI	180	ş	9	0	0	<b>-</b>	Ð	ر	0	ن	5	1 11	the orphy per witter gan	STSTER
IRSTEUR? SOB?	1981	\$	0	0	9	2	-	g	a		æ	.э		83
38.80	1905	22 1PSEC	O CUMA	3 11)	0	0	0.45084	¥ ::	.16.91. ()	1140	6 5508	9		72
S IISSSI S	2061	16 18001	2	0 5081805	0 IPUR	0.1631.0	2 1690	\$300.7	63831 .·	7 10%	-	۲ )	tes to	16401
SSSIFIA SDBI	190	16 18001	2 11M[1	2 MIGGIS	0 1FUR	2 IPSEC		2.5025	₫ 384: ₹	200	-	÷,5	tsselt emiliane feachs	184
1855 F1 8 508 I	180	16 FROUT	2 11M11	2 SDBTROS	0 TFUR	33531-2	2 16.00	2 880	38.41.7	÷	~	-	tes that tond	13581
1555112 S <b>081</b>	190	16 16007	2 TINIT	2 50818115	0 FPUR	2 1860	3.11-58.0	233.4	3.6816	74 c			tsis, tistat tradings	15451
TUBCFR! S	1805	22 100	3 11811	3 18001	1 St 181	1 WSE	( m)	3.18-5	1 35	i	-	÷	Cir had a thired change	144.1
TUBICS HZ S	1905	22 1756	1 7005	3 1809.0	1 St 144	1 1181	I CHRA	3 1. 04	H	3740	2 1885		abungs prants nicht des	# 65 <u>1</u>
UNCONT; S	SD8.1	15 CONA	2 SLIME	2 1PUR	2 SDBIRO	€ <b>3</b> 0	٥,	5	14, 0	ę.	~	٠.	one to are the contra	IPALI
UNCONT2 S	1905	IS CUMA	2	0 PUR	2 508180	for 0	0	Ð	111 0	922.6	-	- 0	when I have come;	1940
UNCONTIT SDB!	190	IS SLINE	2 TPUR	3 106	2 JF!	2 100	~	ů	12	e.	ij	7 0	un. 01.1 11)	1PACE
S	1905	30 15080	O ISUB:	11H11 0	2	0	0	0	ė	73	c	e.	iange at auto drup tab	5.5184
	5081	13 IPUR	2 COMA	٠,	0 151	2 818	٥	6 % Int	512	9.1.2	-	-: -5	unct to here falle such	1540
	1908	15 700	3 CONA	~	0 IF1	2 416	0.558130	<u> </u>	1 17 0	9.1.6	~	5	on training and	1601
	508.180	39 CUMB	0 St 1ME	7	9	0	0	2	-	÷	9	0		2
	SDB1R0	37 PSAAP	2	0	9	9	0	3	0	=	0	ů		2
SIPABUS	508:80	38 PSRAP	~	•	0	0	0	c.	÷	ō	0	a		7
5	STPBUFAD SDBIRG	40 PSRAP	2	0	0	0	٠,	4	e.	-	ۓ	٠.		7
	508180	ŝ	0	a	0	0	٥	9	,	c	9	9		1
SIM1S S	SD <b>81R</b> 0	41 PSRAP	2	0	0	0	0	G.	.9	o	0	ċ	s tos tt.i i-sgts	7
SI S	SIPMMESI SDBJRO	41 PSRAP	2	0	0	0	•	e.	Ð		0	-	s fre i für report Bar	2
22.5	SIPMARS2 SDBIRO	41 PSRAP	0	0	0		9	9	Ð	s.	0	=		2
≈	SIPOVERI SOBIRO	40 PSRAP	0	9	0	0	ø	•	2	0	9	0		2
25	SIPOVERS SOBIRO	<b></b>		0	0	0	•	•	0	·e	0	•		<b>7</b>
8 105 K	SDB1R0	25	O CONA	D St TME	0 13N11	•	3	3	0	9	•	9		\$
3 3531 5	504180	23	•	0 SI 18E	•		0	0	•	0	0	0		2
2 318 8	00100	th recuif	O CONA	201.0	-	90000								

3
3
3

								_														æ																	
2	2	ž	ž	STSIEM	SISTEM	2	1160	Heryl SYSTE	fain SYSTE	SYSTLA	1	STSIEM	1	\$	\$	ž	\$	1	92	9	9510	SYSTEM	515P	DISF	PISP	ž	St., 18.8	ī	915	\$	2	¥	#	2	‡	2	1	1	1
	-		•	auto, i, speed, aar	euto in ain speed		sta tage	max_successor corret_time_intery  SYSIEM	successy correl time intervious StSIEM	track file count		auto drup velocity nai							amp funct ktd	and out func	disp pack store disp	airp fir tab ifr	key two en ode disp	key three encode disp	dsip apolita and day		Source of tracon sev		award table										
•	-	0	0	0	0	0	0	0	0	0	0	0	•	0	•	0	0	0	10	10	<b>J</b> 0	<b>V</b> 0	<b>J</b> 0	0 0	0 0	5	9 0	Þ	9	•	0	9	0	0	a	0	0	0	c,
•		D 1PUR	•	•	•	0	0 119	•	0	0	D CATRI	9	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	•	0	•	0	•	0	0	0	C:
	O TIMIT	0	0	•	0	0	0 IFB	0	0	_	0 547	0	•	0	0	0	•	0	0		0	0	6	9	0	=	÷	0	0		0	0	0	0	ņ	0	0	0	9
0 IPUR	U IPUR	2 10	,	0	0	0	0 000	0	0	1 1708	0 AUT	9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G	0	æ	0	0	0	0	0	0	0	0
III.	D SHABS	0 1/3	0	0	0	0	2 CR11	0	0	2 1500	O 1PRED	9	0	0	0	0	0	0	0	0		0	0	Ð	c	0	ŋ	0	0	0	9	0	9	0	o	0	0	0	0
O SWABS	O State	2 11411	0	•	0	0	2 CUMC	0	0	0 LINII	O IPUR	0	0	0	0	•	•	0	0	0	0	0	0	0	0	•	0	9	9	0	0	6 REUMR	0	9	0	0	0	9	Đ
NI IS 0	₩ 0	2 IPSEC	0	0	0	0	2 1016	0	0	0 15081	0 IRBUT	0	0	0	0	0	0	0	0	0	0	0 MST160	0	0	0	0	0	0	0	MIK O	0	0 MIGCI	0	,	0	0	0	0	•
<u>51</u> 0	151 0	2 CD8	0	0	0	0	2 CUMA	0	2	0 15880	O TINIT	•	0	2	•	•	•	•	0	•		0	•	•	0	0	0	0	0	O MIGA	0	D NIGA	0	O TPRED	O MPS	0	•	ca,	•
1110	O CKII	2 18001	0	0	0	•	O COR	•	0 IINII	O TEDORS	33841 0	•	•	0 TRAD		0	Ģ	0	r	•	0	2 tof	2	~	2	~	0	D MIGGI	2 TRAD	901 0	0	0 898	0	O APES	2 106	0	9	9	0
0 COMA	O COMA	(UA. 0	•	2	2	~	2 CAIY	2 IPUR	2	-	0 10855	2	0	0 00 000	0 106	0	0	•	0 PD09	G	O MPEP	2 IFI	2 TRAB	2 IRAD	2 TRAD	2 TRAD	JO1 ?	0 F1GA	3H03 0	0 CR11	0	0 KOFC	0 0811	3 106	3 con	<b>901 0</b>	•	0	0
38 1956.0	39 1956	39 St 148	<b>\$</b>	Se iPuR	Se IPUR	2	14 AUT	56 ITHII	35	0 IPSEC	45 St 148	56 1996	37 106	85	<b>2</b> +	2	~	<b>4</b> 5	28 KOFB	29 PD0P	37 106	43 COMB	7 CONC	) CONC	7 CONC	IO CONC	38 IFI	S0 CR11	39	44 SWABS	37 106	21 000	37 104	SO COMB	50 19860	44 SHABS	SAME SA	44 SHABS	37 106
SB41R0	Spb180	504180	500180	SOBIRO	200180	508180	SD8 180	SD#1R0	SDB1R0	081905	508180	SDB180	2005	2005	SIM2	SD42	2962	5082	2002	2082	2982	2005	2082	2908	SD#2	SD82	2905	SD82	5082	2062	SD#2	5082	SD82	SD82	2005	2005	2005	2905	2005
SASTILE	มรเมเ	31118	SHPALIN	SPLEDPI	SPFF BP?	SROALNI	SYRI	LIMI	111112	Jě.	FREXE	WELD	APR	Apsici	ABTRNTE	ADTRN12	APTRH13	ADTRAIL	AMCT	ANE RITA!	APACE	IAPI	AOL R21	AOL R37	AOLRC7	ACK RMGT	ARTE 10	ATRNGD	ANDI	BCOMFLG	BCHCAN	BCW	BLACAN	1811EII	B#11E21	<b>ISCFR</b>	BSUCHI	8 Saff L 6	CACIBIX
£	900	96	203	<b>98</b>	¥04	Š	908	68	<b>809</b>	\$63	810	18	R12	<b>8</b>	<b>8</b> 14	815	918	817	<b>?</b> :	919	8.20	128	823	833	824	\$25	826	857	828	629	830	158	832	833	834	635	836	637	878

4
ð
- 35
• •
×
×
*
-

•	•	•		•	0	0	•	0	•	٥	•	•	6	0	0	0	•	0	•	0	•	•	Đ	•	Φ	o	0	•	•	0	•	•	•	•	•	•	•	•
 <b>3</b>	<b>5</b>	2	11	<b>4</b>	2	ž	2	081	Q S	2	dS1d	3S10 .	180	9510	MSF	9510	¥	7	¥	<b>0</b> 15P	9159	2	<b>dS10</b>	PISE	e:	2	1	661	\$	BISP	1	¥	2	2	2	2	2	1
 -	-		~	-				•			•	•		ŧ						6.	9.		d'S I	ds 1	4											•		
								count Abd	Count Mid		Kroord range	Proord range	sybase_coord	db_ail_rounter	ss_counter	1.00 counter				pare tabl disp	parm 1461 disp		paran tab? disp	paran tab? disp	para tat2 disp			daflag, teap		dslint trad						dead time psrap		
0	0	0	: >	o	0	8	0	0	10	-	-	0	-	-		10	9	9		:)	2	9	9	•	2.4	•	9	0	-	0	•	•	•	•	•	- 0	-	•
9	0	0	: >	9	•	0	0	D MIGG!	0	0		0	0	0		0		0	G.	0	O REIF	•	0	•	0 700P	•		0	•	0	•	•	9	0	•		•	
		0	,:3	0	0	9	ú	0 Misa	0	0	0	0	0	0		0	P	0	0	0	0 8008	7	0	0	O SWABS	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	<b>3</b>		0	0	0	0 HPF8	e	9	9	-	O RCOMR	۰	•	0	0	0	9	•	O SCOMP	•	j01 0	0	O RIDING		•	•	•·	•	0	0	•	•	0	•		
	-		0	0	0	0	0	0	a	0	0	0	P PDHP	5	0	0	0	0	0	•	3 91 988	0	0 11PK	0	O RECP	J	O MPEB	8	0	0	0	0	•	Ф	•	•	•	
•	n	9	0	9	-	Đ	0	0	8	0	0	0	9 471 6	•	0	0	0	0	0	0	0 PDoP	0	0 11 19	0	O RCOMR	0	0	0	0	0	0	0	0	0	0	•	0	
0	0		0	0	0	0	0	\$2 O	~	0	0	0	•	0			0	0	0	-	0 MIGCI	0	0 11 0		2 01 001	0	0 Kot	0		0	0			0	0	•		
9	0	0		0	•	0		0 11:0	9 114	0	O REIP	O REIP	•	O MPEB	O MPEB	O MPEB	0	O MPEB	O MIGCI	3 IRAD	D RIGA	•	0 004		0 PD0P	•	HAIR O	0	0	0	•	O ROBND		•	•	•	•	
•	•	0	0	0		0	~	9 Dup	O REP	0	110	0 112	0 104	3 por	3 DoP		0	~	O NIGA	9001 0	O MPEB	2 TRAD	2 CR11	2	O NTGC!	•	411 0	0		•	•	0 DOP	•		•		•	
0	•	0 MPEB	O MPE	•	0 HPEB	•	D COMA	9 CR11	8 RCOMR		2 JF0	2 110	0 DOP	3 CONC	3 COMC		•	3 COMC	9 161	O SHABS		2 CONC	2 CUMC	3 106	0 A16A	•	0 160	0	0 117	2	•	0	2	2	2	•		
37 104	37 104	37 106	37 166	30 106	37 106	36 £10	<b>\$</b>	12 119	12 10111	37 106	S AUT	S AUT	13 116	40 IRAD	40 TRAD	40 TRAD	40 NSAN	40 TRAB	48 IOF	3 R190P	3 106	40 TRAD	I W	4 TRAD	4 MPE	÷ 5	2 <b>30</b> 6	36 806	49 IF0	S2 IRAB	36 106	3) 106	40 1818	40 TRAB	40 TRAB	39.3	301 9X	
		_	_		_	_	_		-	-					٠.				_		•			•		•	•		•							_		
CACIB2X SD82	B31 S082	11 SDN 2	341 SDB2	2005	115 5042	21 5042	LDC SPAZ	11 5082	11 5082	CPSFLAGI SD&2	CRITKII SB82	CRITXI2 SD82	SM2	DECOUNTE SDE2	DECOUNT2 SDB2	DECOUNTS SDB2	.D2 SD42	1051 5882	31 SDB2	II SBB2	11 5082	101 5082			161 SD42			2005 9F		NT 5062	5005	Y 5042	SBRS	2005	2005	SP#2	2002	
Cre	CAC (B.3)	CAINT	CANCAL	CAUF	CAOF 1S	CF6121	COF ABC	COURT	COUNT	SP.	CRIY	CRIT	CSB1	DBC	0390	DBCO	D&NAD2	BONADSI	1000	DCOM	ECOM!	DEGROT	DF LAGT	DF LAGT	1961.467	DIN	DISTRI	DICTIO	DPRAD	DSL INT	N TSG	DSPRY	9112	DIKS	T I	Ħ	=	
Ξ,	2	=	¥	=	=	\$	*	=	*	\$	8	2	×	z	35	s	*	25	25	8	3	3	3	3	3	3	3	<i>(</i> 9	89	69	5	=	22	2	.₹	×	2	:

												18M M 0004	3	-		
														• •		
6/8	EBIAS	2042	27 9009		•	•	•	9	۵	•		•	0	-	#	•
8	FIXEVI	SM2	43 COM	2 10F	•		9	0	0		•	0	4 0	fir desig sysa tab	151	•
<b>28</b>	15144	5042	47 HIFPT	0 CR11	J01 0	O NFP	•	0	•		0	0	0		2	0
286	13/3383	2885	SO CONA	2 10F	O NTGA	O MTGCT	0 NAT	O SI INK	O 1PSEC	UTINIT	0 IPUR	•	0	-	3	•
883	FRIC	SB#2	SO COMA	2 £0£	0 MIGA	O AFGCT	O St. IM	0 IPSEC	0 11MB	0 IPUR	O RAI	0	•	-	4	9
788	FULCOM	2005	\$1 %	0	0	0	0	o.	0	•		•	•		4	0
<b>28</b>	FUNC	SD#2	34 806	0 011	0 171	0 IF0	0 K1P	O MIGA	0 11601	O RKIP	O SCDU		•		1	•
<b>ž</b>	1,0109	2995	50 EX	O NIGA	0 NTGC1	•	0	0	0	•	•	0	9		1	0
88	2	2005	<b>58</b>	8400 O	1 P00P	O ROBHD	0	0	0	•	0	0	- 0	hj.sa.counters	9510	0
<b>88</b>	WYCH	2005	33 COMA	2 106	•	•	0	0	•	•	9	0	40	hy, tab_kbd	189	0
<b>&amp;</b>	CHP.	SB#2	3 100	0 150	411 0		0	0	0	•		0	•		2	•
064	1900	2905	13 119	10011	O COMA	3 1708	0 106	•	3 18AD	2 SI IM	O TPSEC	0 11411	0	idupkit key trik info	PISP	•
Ē	INTUSE	2015	36 106	0 CDR	3 CI IP	9 NTGA	O MIGGI	9110	0	•	0	0	0	-	#	0
892	INIECI	2003	Mi. 99	2 CR17	131 0	2 1F0	911.0	2	O MIP	D St. INK	0 IPSEC	2 IIMII	5 2	ofi_data_mord	SYSTER	•
149	INFC2	SB02	11M11 99	r	•		0	0		0	0		70	tfi, inhib, flg trk	SYSTEM	0
<b>7</b>	펄	SB#2	\$01 ex	0.1110	0	0	0	٥	0		•	•	0		1	•
895	I COM!	SM2	11 21	•	•	•	0	•	0	•	0	0	¥ 0	kcont_key_data	180	•
968	EDUPAS	2985	30 EQ	•			•	9	ø	ø	ø	0	٥		7	•
69	1044JE	2395	38 104	•	•	0	•	0		0		0	0		NA NA	-
2	If other	<b>28</b>	38 105	0 A1G	O ATGCT	0	0	0		0	0	0	8		KA.	•
<b>£</b>	1101	288	39 106	•	•	•	•	0	0	0	0	0	0		MA	•
906	III JA	2005	38 104	•	0	0	0	0	0	0	0	0	0		2	٥
106	191	2005	38 106	0		0	•	0	0	•	0	0	•		¥	0
305	3	2865	38 104	0 IFI	9 HIGA	O MISCI	9	0	0	0	0	0			#	0
303	2	2005	38 106	0	0	0	0	0	0	0	0	0	•		Y.	0
ě	11.75	2005	<b>301 8</b> 0	O HIGA	O RTGCI	0	0	0	0	'n	0	0			*	0
305		2005	38 106	D MIGA	O MTGCI	0	0	0	0	0	0	0	0		*	0
30%	ribit	2905	37 106	0 150	0 119	0 E1PM	G KDBMD	0	0	0	0	0	0		W	•
204	11100	2005	38 104	0	0	0	•	0	0	•	0	0	0		**	0
806	TOFFEY	2905	37 806	0	•	6	•	0	0	٥.	0	6	0		<b>‡</b>	0
ě	1061116	2082	48 KOF	0	•	•	•	0	0	9	0	0	0		2	0
910	10,1%	2005	30 Y	0	0	0	0	0	0	•	0	•	0		¥.	0
#	187 EM	2005	<b>30 3</b> ₹	O NICA	135111 0	0	a	0	9	0	0	0	0		2	0
315	11801	2005	15 IPRE	0 008	2 EOF	n	0	0	0	0	Φ.	0	0		ī	•
913	1461	SB42	36 TO	9	۵	0	0	•	0		0	0	0		N.	0
914	#	2005	37 104	0		0	0	0	0	0	0	•	0		2	0
\$18	LAHORD	2005	37 106		0	0	0	9	0	٥	6	0	0		7.	0
916	LSTRTC	5042	AP SI INC	O COMA	3 1956	S THAIT	3 IPUR	7	0	0	0	0		rtc_saved value	IRACE	•
116	MAADE	SD42	d13 15	0 110	OCIPA		0	0	0	ø	0	o	0		2	0
918	#BAQF	2005	\$11.18	0 BOP	0 160	•	0	0	0	0	6	9	0	•	1	0

. 203

asaw inhibited I IM - RK - OCK) 

204

												JBH-KK-0004	3	-		
5	MIFEGI	285	et nispe	90.0	0 816	•	0	0	0	•	0		•	-	<b>≨</b>	-
9	#15 S#	2885	13 AUG PT	901 0	O MIP	•	0	0	0	•	0	9	9	-	æ	•
3	MI79SC	SB42	48 815 P1	0 (11)	901.0	O MIP	•	0	•	•	0	•	0		72	•
29	MIS12Y	2005	47 HIFPY	•	0	9	9	0	0	9	0	•	۵	•	3	
£3	RISIP	2005	47 HIFPY	0 106	O NIP		0		0	-	9	9	9	-	2	•
3	MISTY	SB#2	47 HIEPT	O RIP	9		٥	•		-	٥	0	0		1	6
53	973000	S002	NS0 02	•		•	0		0	0	•	0	•		7	-
3	MCFET	5002	2	0 10¢	U HSAN	۰	•		0	0	0	ø	10	he figt sys numer ic	SYSTÉM	0
	MIOPOL	2005	1 00	•		0	ø	0	۰	0	0				3	•
3	MOSHOR	5005	100	0 150	0 117	6 £1PB	90 1.04	0	0	9	0	0	0		#	•
69	MEDBROK	2005	-	0	0	•	0	0	0	•			0		1	~
92	MSEMSOR	5082	-	O CRII	0 104	0	0	0 8164	O HTGC!	0 PD0P	2	0	0 ]	Asensak site	SYSTEM	•
7.	MUMBCUS	5002	HRO 64	O MPEB	0	•	0	0	0	0		0		-	¥	9
72	MUNDOK	SD#2	1 1060	O HIGA	0 #1601	1001 0	2 91 001	O 100P	2 TRAD	2	0	0	1 0	nun displays site	SYSIEM	•
2	MUMBOL	2005	1 401	2 CDR	2 0.048	2	O CREZ	O Date	0 110	9110	O KIPH	0 10f1	- 0	atis steldsblane	SYSTEM	•
*	HUNEOE	2005	1 1986	2 IINII	2 CRIT	0 DOP	ez o	۲.	0	D SLINE	O TPUR	2 1RoU1	2 1	num keytid sile	SYSTEM	•
25	MUNTOR	2995	0	0	•	•	0	0	0	0	٥	۵	0 1	nua_trks_sile	SYSTEM	9
36	35030	SB#2	æ	•		•	0	0	0	0	0	•			1	•
"	MS1324	2005	36 106		0	0	0	0	ø	•	0	6			<b>1</b>	•
8/	PACKIT	SP62	36 106	•	•	•	0	0	0	0	0	8			**	•
٤	PACEZE	2005	93 9X	ø	0		•		•	0			9		12	•
8	PAIRI	SB42	13 61	O CRIT	9 00	0 170	910	~	0	O PTGA	O NTGCF	0 OL (14E	0 1	pairt_misc_kbd	65	0
ä	PA181	<b>SDB</b> 2	13 18.19		•	•		0	0	•	0	0	7 0	pairt aisc kbd	189	0
83	PREVI	2005	15 119	803 O	2 St 14E	0 150	901 0	2	2	•	0	0	0.1	prevt_misc_data_kdb	KODTER	•
83	PRELY	2985	30 106	•		•	0	0	9	8	0	•	0 5	prog_level_kbd	180	0
2	PRIPHI	SD#2	3 Bop	0 160	9110	-	•	0	0	0	0	8	0		¥¥	9
88	PURSI	2005	11 91	0 160	JO 11.06	•	O ARIP	0	0	0	0	0	٧ 0	trik ball changes tab	180	0
<b>%</b>	OL RC21	SD#2	3H03 9	0 JF0	0 117	100 10 O	O REIP	0	0	0	0	0			1	0
÷	QL RC31	2985	3H03 9	0 OLOOK	•	•	0	0	0	0	0	٥	0		2	0
88	OL RC47	2082	3H)3 9	0 CRIT	0 160	0 K1P	3.01.0	100 m 0	0 REIP	O TRAD	2	0	0		2	٥
68	OL RECT	2005	3H03 9	0	0	0	0	0	0	0	0	0	0		ā	0
8	11100	2005	13 AUT	2 COMA	2 CR11	0 006	9) 1 (1)	0	100 10 0	0 6119	0 81000	0 5081	0		1	٥
<u>ج</u>	1100	2905	13 SYSPAR	0 38	0 7730	O FFUR	O THIL	O PPSEC	2 1600	2	0	•	•		4	•
26	BCNP	2005	47 HIFPY	3401 0	8 118	٥	0	0	•	0	0	0	0		1	9
93	PCONT	2005	11 1060	0 HPEB	O RECOMB	O RDOP	0 81509	0		0	0	•	0		1	•
*	IFCY!	2005	47 HIFPT	901 0	0	O MIP	•	0		0	0	•	_		2	0
ž	1113	2082	12 COMA	2 CONC	O RCOMO	0 RDOP		0	0	0	0	•	0		1	•
*	NTCO/M	2005	II RCONR	0 81.79	0	0	0	0	0	¢.	0	•			2	•
44	11011	SDB2	47 HTFPY	O NTP	0 106	•	0	0	0	0	0	0	•		2	0
80	111111	2042	47 11191	3,03 0	938 0	۵	•	0	0	0	0	0	~		1	ē

\*\*\* \*\*

4
- 5
-9
=
*
÷

-	•	•	•	-	-	•	0	•	•	•	•	9	•	9	•	•	•	•	•	•	•	0	-	•	•	•	•		•	6		•	•	•	•	•	•	•	•
2	2	4	#	1	180	9	9	99	1	1	<b>=</b>	2	2	92	92	<b>=</b>	2	Ź	180	1	689	923	<b>£</b>	2	91	STSFER	2	#	180	91 7	1	2	69	TRACE	PRACE	HAU	TRACE	9510	=
-	•			-	saubsu temp	savebs, teap	saveble temp	savel and	•		-	•		sleut_Bisc_kbd	kerterd init srap switch flag				super_position key		Bisc, lemp stor yar	Syef Abd			alst tybese condinate data	nut_sy_time twil			Bust and treathest data	tdop bist second trackball, data 180			Irkball ab mord	tab line indicator	tab ling indicator	tab lind indicator	tab line indicator	dis count disp	lesp sic var
•	9	3	G	a	. 0		. 0		(3	Đ	ç	С	ٹ	-	10	•	8	0	3 0	s.	10	6	0	9	3.4	5 0	9	0	•	4 0	0	0	5 0	7 7	4 0	• 0	۷ 0	10	-0
•		6	•	0	•	•	9	0	0	0	0	0	•	•	•	•	0	•	9	0	0	0		89	0	0 1968	0	•	0	0 RIP	•	9	O MIGET	3 106	~	•	~	0	O SCBU
	•	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	3	<b></b>	0	0	-	0	9	0	0 PUCP	0	0	AH'N O	3 1FUR	3 181	-	3 10	0	0
-	0	•	•	0	0	9	0	9	ē		0	0		0	0	o	0	0	9	0	ø	0	0	0	e	Jul 0	0	0	0.	13518 6	0	0	0 0968	3 IPSEC	3 104	1 11 1	3 161	•	O RIGA
•	0	6	=	0	•	0	0	c	0	0	ပ	0	ū	9	0	0	•	0	0	0	•	0	-	•	D RUNR	#-11 0	0	0	O RETP	0 #164	,	0	0	3 11431	3 IPUR	\$ Est	3 IPUR	•	0 #1601
÷	9	وي	0	G	0	0	=	0	3	÷	0	0	0	0	0	0	0	0	0	0	•	0	•	0	9 Ppop	913 0	0	9	O NTGCT	0	0	0	0 (14	0 1600	3 1856	3 1708	3 PPSEC	0	0
0	9	•	0	9	0	0	9	D MIGG	0	O TKAP	0	D ACUMA	0	0	•	•	•	0	0	•	0		0	•	O MPES	0 11 0	0	0	2 MTGA	~	6		•	3 St. INE	I INI	J fPSEC	3 1186	•	0
•	91110	0	0	0	0	-	0	O RIGA	-	0 #PE	0 TRAD	0 HPE8	0 HIP	0	0	0	•	•	0	•	0	9	•	•	901 0	0 IFI	•	0	0 106	901 0	0	•	0 110	1 HE	0 1600	3 11NI1	0 1696	•	<del>j</del> 01 0
•	1001	9 MIP	6	•	•	•	<b>C3</b>	9	0	90 1 00	O MPE	0	0 10£	•	2		-	•	0	•	0	•	9	O RCOMR	0 1041	2 00P		0 MIGC1	2 150	2 150	0 11601	•	0 POL	3 COM	341.16	0 TEBC	1 × 1 × 0	•	D DOF A
91110	O REGAR	901 0	3 BCOM	9	•	•	•	•	0	O CRIT	0 10	901 0	0 CRIT	-	0 PSRAP	•	O TRAD	•	~	•	•	•	901 0	O NPE	<b>6</b> 0	2 IEXEC	•	O NIGA	O CDR	<b>163 0</b>	0 8164	0 8190	O CRIT	0 CONA	0 004	O SLINE	0 001	-	O BRATS
II BEONE	10 MPE	19 HI FY	34 PD0P	yo 10t	\$01 PK	\$3 SX	51 %	301 SE	24 HP18	29 COME	29 CONC	> 204	48 NIFP	30 95	'n	*	25	25	37 106	30 95	37 106	•	23 BOP	23 809	14 KIPX	21 COMC	23 3	22 106	11 91	11 91	21 106	II RCOMB	20 116	2	2	2	₹1 ex	52 ID0#	*
5082	2985	2005	SMS	2005	5882	2005	5862	2005	2982	S <b>M</b> 2	SD42	SM2	2885	2005	2962	5885	2005	5862	<b>SM2</b>	2005	5882	S##2	<b>SM8</b> 2	2885	SM2	2862	2005	2005	2005	S <b>08</b> 2	SBB2	2005	2005	2005	2005	S <b>M</b> 2	S <b>DB</b> 2	2005	Se.2
	FIRMI	Part	135	SAWLER	SAMS	SAVE	SAVB 74	SAVE	50.001	굸	3671	SOABT	SELTHI	Steam	SRPEY	SROW	STADEX	STINEO	SuPtr	SVEOFB2	SYMBLS	STIE	SYSUM	SYSEVI	<b>18</b> 7	TAST	14511	14510	TIME!	18.4.21	TICHT	TBLACT	TOPRET	=	18121	18181	18141	19061	FMP
646	0001	1001	2901	1001	100	5001	900	100,	1004	100	1010	101	1012	1013	1014	Sign	9101	101	1018	6101	1020	1001	7,201	1023	1024	5201	1026	/701	1028	6201	1030	1931	1032	1633	1034	10.55	1036	1037	1030

- Kat - 0004

TEMAFT	2005	*	0	0 COM	0 004	•			•	6	•	•	. =	<b>3</b>	•
FLAG	2005	48 SCTM	3 COMA	2 IEXEC	•	0	•	0	•	~	•	=	Screl pad all flag	SYSIFM	-
7F & 1C	2965	SO MA!	O COMM	2 tuf	0 M16A	1351# 0	B 52 188	O IPSEC	9 1581	O TPUR	9	•		ŧ	-
I.S.	2005	24 BISPLAT		BH03 0	2 POUP	0		•	9	6	•	•		2	•
ITRCX	5062	•	0 CD#	2 CUMC	3 CR11	0 150	JI 2 0	O NPED	D At 00E	0 AKIP	0 TRAD	3.1	threat_mise_desp	DISP	•
INDAM	2885	67	0 COMA	2 106	7	•	0 RA!	3 AIP	0 PD0P	111 0	2	-	1 o d ainutes	SYSIEM	•
INDASI	2005	\$	0	•	•	0	•	•	9	0	0	-0	t o d seconds	SYSTEM	_
INDYRIC	2905	\$1 1K 64	0 IPSEC	S TIME	3 1708	3 MA1	~	•	0	0	•	<b>*</b> 0	tadyrte_temp_sys_roll	SYSIEM	-
IMGACI	5005	SC 22 338	0 COMA	2 HIGA	0 NIGCI	0 PD0P	0 PPSEC	LINIT O	0 PUR	G KAT	•	•		1	•
TRAIL	<b>208</b> 5	<b>2+</b>	0 104	2 N16A	D HIGG	0	0	•		•	•	4 0	sen 1 coord transl tab	91	-
TRHZT	2005	¥	JO 1 0	7	0	•	0	•	•	8	•	4 0	sen, 2, coord, frans! tab	91	•
18H3T	SD#2	Z <b>;</b>	901 0	~	•	•	•	•	0		•	¥ 0	sen 3 coord frans! tab	9	-
IRM	2005	2+	903 0	~	•		0	٥	•		•	4 0	sen 4 coord transl tab	9	•
181	2905	29 CONA	2 106	O NI	•		•	0	•	0	-	•		ž	_
1521	2005	29 CONA	2 106	O NIP	9	•	0	0	-	0	•	•		₹	_
ISAI	<b>SD8</b> 2	₹.	0 7009	~	0	0	0	0		0		•		3	_
1\$1	2005	29 CONA	5 Luf	O NIP		0	0	0	•	0	•	0		2	_
15187	2885	37 NIGA	9 NIGE1	0	•	0	6	۵	•	•	•	0		3	
TTAST	2005	77	O NIGA	0 ATGCT	0 PB0P	-	0	•	•	•	•	•		2	
TINBANI	SM2	49 IPUR	0 CUMA	2 606	0 RAT	2 RDOP	D SLIME	2	0	0	0	•		<b>3</b>	
TIMBAST	<b>SM2</b>	\$	O MTGA	D NIGET	O RBUP	0	0	0	•	0		•		<b>‡</b>	
11134	5082	37 1068	•	•	•	•	•	0	0	0	•	õ	recon sohibit_flag	91	
111	2005	40 CONA	•	•		•	•	0	0	0	•	•		≨	
Ξ	2062	39 CONA	7	•	•	•	•	•	0	0	0	0		2	
11911	2005	7 401	2 IMF0	0 116	0 16f	O MTGA	O MIGCI	O RKIP	0	0	0	S 0	last coret type	<b>6</b>	
12ULUL	2005	49 St ING	D COMA	3 106	O IPSEC	D TINIT	0 1FUR	0 MAI	0	0	0	0		2	
UAF! i	7905	\$	0	Jul 0	0 1840	2	0	•	٥	0	0	0	alt filter display up low limits DISP	arts DISP	
V JAE 7	2905	-	O COMA	5 106	2	0	•	0	0	0	0	4 0	ifr of code tab	SYSTEM	
VICABI	2005	32 54 140	O COMA	5 LOF	0 1600	2 11411	U IPUR	O IPSEC	2	0	0	9		2	
VICDI	2082	31 106	2 COMA	2 806	D SLINE	0 1600	2 LINIT	0 IPUR	O IPSEC	~	0	•	abe table	SISIER	
VICIAL	2005	75	9010	~	0	0	•	0	0	0	•	4 0	ifr of ing tab	STSTEM	
VICHT	2995	23	0 10	•		0	0	0	0	Đ	•	•	ifr of word tab	SYSTEM	
VILCRI	2005	32 11MI1	2 TPUR	2 IPSEC	~	0	0	0	0	0	0	10	lfr v code req	HACK	
VIJCAT	2002	32	0	•	0	0	0	•	0	0	0	0		2	
701.00	SB42	14) St JM	D MAT	3 CR11	901 0	3 1600	2 11NI	J PSEC	STFIIR	3 TPRED	2 141	7	diff bie rit fine of day	STSTEM	_
WRAPIIME SBBIRO	598180	329 PSRAP	7	•	۵	2	9	٦	0	0	0	0 1	wap libe	2	
SIPSTUB 11	=	0 PSRAP	,	0	•	•	9	0	в	0	0	0		<b>₹</b>	
SIPTOSF® 11	= -	D PSRAP	2	•	•	0		0	0	0	,	<b>a</b>	senst_fail_esg_outties	ž	
440	TEAM	0 1PUR	2 SAIV	O COMA	2 CONS	0 B17CC	0 10855	2 (181)	2 1840	2 15080	0 15081	9	bn code ann value	SYSTEM	
AAMC	Ē	S COMA	111 5	<b>J01</b>	1 H 1	G THP	7	0	9	-	0	[ ]	ashir lenp trib	IPACS	

3
-3
2
ž

J	72.0	_		-	-	q	_	-	q	-	testyl tem	5
	D COMA	3 COM			. =		, 5				tilg tem	UNA
	•	0	0	0	•	•	•	0	0	•		1
•	O CONC	3 1940	<b>~</b>	۵	a	•	9	60	•	0	tradh3 temp	ş
	•	0 IRAD		•	•	0	۵	0	0	0	tradb5 temp	9118
•	•	•	•	•	0	-	o	0	•	٠		ŧ
<b>~</b>	•	•	6	0	•	0	0	0	ø	a		≨
~	•	•	•	•	•	-	0	0	0	0		#
S COMPON	3400 O	3 TRAD	-	9	•	0	0	0	0	9 1	tradsle temp	19461
•	O COMA	~	0	0	0	0	0	0	•	1 0	tred_lnmp	CRAC
~	O CONC	3 FRAD	7	0	0	0	•	0	•	9	trhalt leap	9126
•	O TRAD	-	0	•	0	0	0	0	•	0	trike li temp	9510
~	O TRAD	•	•	•	0	•	0	•	0	0	triffam temp trik	810
	0 TRAD	r	•	0	0		0	0	0	0 1	tritles, temp, trik	PISP
s	D CONC	I IRAB	-	0	0	-	0	0	•	0	trikibe, teap, trit	9210
s	O COME	3 TRAD		•	0	0	0	0	•	-0	trinds, teap	IRACI
6 HSAM	0 CD8	7	0	0	•	0	0	0	0	•		2
WSAM 9	O CDR	•	9	٥	o	٥	0	0	•	•		2
29 IEKEC	_	O TCPSS	2 IPSEC	~	0	0	0	0	•	7 0	trs,trk	IBACI
29 1EXEC	J 1600	2 fCRSS	2 IPSEC	2 118411	2 IPUR	2	0	0	0	8	trs_ariauth	FRACE
33x 31 62	1 1800	2 ICRSS	2 IPSEC	2 FINE	2 1908	~	0	0	ø	10	115 Sa validity code	18ACT
29 TEXEC	1 1600	2 ICRSS	2 IPSEC	2 LINIT	2 Pruff	~	0	0		0	trs beacon code	TRACE
23 IEXEC	_	0 10855	2 1956	2 11411	2 IPUR	~	0	0	0	0 (	trs, strong	13461
29 TEXEC	1890	2 FCRSS	2 IPSEC	2 THIT	2	0	0	0	0	0	trs mode c validity code	TRACE
29 IEXEC	_	O TCRSS	2 1PSEC	2 IINII	2 IPUR	2	0	0	0	1 0	trs all node c	TENCE
29 IEXEC	1 1600	2 10855	2 1PSEC	2 finit	2 FPUR	2	0	0	0	0 8	trs_ran_?	1840
29 IEXEC	I rebc	2 ICASS	2 1856	2 ITHII	2 IPUR	2	0	0	0	10	trs radar reinforced	HACI
29 TEXEC	-	O TCRSS	2 17560	2 11H11	2 IPUR	2	0	0	0	0 1	trs, quality, code	TRACE
29 TENEC	-	O ICRSS	2 IPSEC	1 TIN11	3 IPUR	2	0	0	•	? 0	trs, tpur, use, is, inhibited	IRACI
231 31 62	-	•	0 1956	2 17HII	2 IPUR	2	ο.	0	0	0	irs eargency is in effect	IBACI
231.31 62	1 1690	2 ICRSS	2 19560	2 11811	2 IPUR	~	٥	0	•	10	trs training larget gen	INC
29 lexec	-	0	O TPSEC	2 11411	7	0	0	0	0	10	lis, ifr <sub>,</sub> mode	IRACI
29 16160	1 FEBC	J 10RSS	2 TPSEC	1 10011	1 tPUR	~	0	ø	o	10	trs_unused	TRACE
OF TORES												

209

- 1 Bolly Beares Instruction table
- 3 Betjije Bracco unused report Va 1999 (Betjiy words) 2 Sifet Beacon unused report assauth (Billia words)
  - 4 Beilli Beacon unused report beacon code (Belly words)
- 5 BUILLIS Bearin unused report M. Primmon 184110 word; J.
- 6 BUILLIA Beach, prosed report attitude 180112 mords;
  - 7 Billit? Bescon unused report range (Polity words)
- 8 Bullis Beacon unused report y courdinate (Bully words)
- 9 Bollia Beacon unused report is coordinale (Bolly words)
- Pearon unused report velocity along y coordinate (Bully) 10 Bull15
- Beaton unused report velocity along a coordinate (Billy words) 11 801116
  - Beacon unused report stiding madow (Billig words) 17 1901117

  - Beacon unused report firaness value (BBI10) murds) 13 \$01118
- Beacon unused report time of last correlation (80110 nor 5s) 61110**1** 11
  - 15 AbtAil Last correlation flag
    - to ABEATT Last correlation flag
      - 17 Abfail Last correlation flag
- Initial correlation process flag Assigned beacon code 18 ABLAI2 19 ABEA13

  - 20 ABEA14
- 21 ABEATS Defines status of beacon code
  - 22 ACITPE Atterate type
    - 23 ACTYPT2
- Reported aftitude 24 14.71
- Reported altatude 11 14 25
- Console typewriter printout request flag 21 14 92
- Last scan altitude missing & current scan altitude valid flag 27 41 131

A flag indicating that a track's altitude is valid for the current scan

28 AL 132

- Assigned beacon code checked flag 29 AL 14
  - 30 44 151
- frack's last scan altitude was greater than the violation altitude Current scan altitude missing
  - Track's warn count 37 AL 16
  - 33 AL 152
- General terrain warning in effect flag 33 48 17
- Approach marning in effect flag 34 AL TB
  - MSAW unhibited flag 35 ALT9
- frack no. parent or deviation trial: track number S6 ASOCTI
- Irack no. of parent or deviation trial: track number
  - Track no. parent or deviation trial: track number

```
frach no. parent or deviation trial: flag to inhibit deviation frial tracks furn correl processing
                                                                                  frack no. parent or deviation trial: interfacility handoff indicator, no handolfs?
Irach no. parent or deviation trial: energency/radio failure indicator
                                                                                                                                Irack no. parent or deviation trial: straightline track class code
                                                                                                                                                                                                                      Irach no. parent or deviation trial: track predict indicator
                                                                                                                                                                                                                                                          CURRENT POSTITOMAL AND SINGLE SYNBOL DATA IN B WORD FORMAT
                                                                                                                                                                                                                                                                                                            Current positional and single symbol data in 8 word formal
                                                                                                                                                                                                                                                                                                                                                   Current positional and single symbol data in B word format
                                       frach no. parent or deviation trial: firmness value
                                                                                                                                                                                                                                                                                                                                                                                                  r y positional date in b word format in old sys
41 ASOCTA
                                          42 ASOCIS
                                                                                  43 ASOCI6
                                                                                                                                                                           45 ASJCT8
                                                                                                                                                                                                                      46 ASOC19
                                                                                                                                44 ASOC17
                                                                                                                                                                                                                                                             47 CA38
                                                                                                                                                                                                                                                                                                                                                                                              SO CATBI
                                                                                                                                                                                                                                                                                                     49 CA/8
                                                                                                                                                                                                                                                                                                                                                   49 CA18
```

Track no. parent or deviation trial: deviation trial track indicator

-

Irack no. parent or deviation trial: SPI indicator (squiring 10)

for limited data blocks: four digits of reported beacon code or pad characters

S2 CATCLI S3 CATCLI2

SI CATCUL

for Limited data blocks: four digits of reported beacon code or pad characters

for full data blocks: four M.S. characters of the ACID or pad characters or spaces, for all in pascl For full data blocks: Four M.S. characters of the ACID or pad characters or spaces, all in passal for full data blocks: handoff receiver position symbol, "", second t.S. digit of rep. beac. code 68 CFLGII2 Consecutive successful scans of code match counter (for store/coast track with discrete ADC) for full data blocks: The three L.S. ACID characters, ALL IN CAIC21 IN NEW SYS For limited data blocks: three altitude characters, "CSI", "ADR", or 3 spaces For limited data blocks: two speed characters or pad characters for full data blocks; second t.S. character of atteraft type Radar subsystem with which the track is currently associated Radar subsystem with which the track is currently associated Radar subsystem with which the track is currently associated Radar subsystem with which the trach is currently associated for limited data blocks: contains "ID" or pad characters for lingted data blocks: contains '10' or pad characters No. of non-space characters in ACID Current CTS thread disposition flag 67 CFLGIII Arrival/departure status indicator 72 CFLGT16 Dutside of max range of radar flag 66 CFLGF10 Consecutive times consted counter 71 Cf16f15 Auto acquisition disallowed flag 70 CftGfl4 Flight plan received flag 69 CFLGII3 Second pass fing 64 CFLGFI 55 CA1C21 66 CATCAL S4 CATC12 S6 CA1C21 S) CAIC22 SB CATC31 61 CATC42 62 071571 63 87671 65 CFL671 73 OFLET2 74 J. FLG13 75 CFLGTA S9 CATC32

Mode C status during track initiation flag

Auto-acquisition inhibit flag

Heavy jet flag

77 CFL616

```
Applicable code detection display flay
```

(to looks, contains track potentiation for each track ; "to system and it sto boy has in the syrtom

three character scratch pad data for track

three character scratch pad data for track 85 C135.11 Misc. chared counter or line identifier for track or clicking display counter 84 C18512

inhibit reset indicator flag 85 CT ST3

flacking report beacon code flag 86 (15514 frack desplaying a blicking RDR flag 87 (15515

Interfacility bandoff action flag 88 CISSIo

frack autoracquired previously flag 89 CISSI7

Assigned altitude flag \*0 C15578

for associated track: track controlling position, position number for associated track controlling position, position number 91 CTS11 32 CIS11

for associated track: track controlling position, position number 93 C1511 for associated track: track controlling position, position number 94 CTST1

For associated track: frack controlling position, position number For associated track: handoft status C1511

for associated track: type & status of track file (UI) % CIST2 97 CIST3 98 CFS13

For associated track: type & status of track file (UI) For associated track: type & status of track file (A) CISIA

For associated track: type & status of track file (A) 100 C1S14

for associated track: type & status of track fale (TP) 61513

For associated track: type & status of track file (FP) 102 CTSTS

For associated track: radar subsystem with which the track is associated For associated track: enroute time field 103 CIST6 104 CIST?

for associated track: enroute status 105 CIST8

for associated track: test & set flag for this track file 106 CTS19

Altitude acceleration Altitude velocity 140 11 108 BAL [2

9

Associate track designator as full data block (displays 31 - 60) Associate track designator as full data block (displays 1 - 50) 109 F11.11

Unassociated tabular tracks: If received flag 110 61112 1111 (601)

Unassociated tabular tracks: 11 received flag 112 16011 113 18011

Unassociated Labelar list track: If received flag

Unassociated tabular tracks: active track in old status flag 114 16C110

Unassociated tabular tracks; active track in old status flag

Unassociated tabular tracks: active track in old status flag

Unassociated tatular tracks, outbut display status indicated

```
Unassociated tabular tracks: special symbology for tabular suspend track flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unassociated tabular tracks; special symbology for tabular suspend track flog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unassociated tabular tracks: special symbology for tabular suspend track flag
     Unassociated tabular track.: PAUS PLOS reference reque | lang
                                        Unassuctated tabular tracks: PAUS FIRMING relevence request that
                                                                                   Unassecuted totalor tracks, PAUS P108/P108 retereme report 1 Plan
                                                                                                                                                        124 (SCII) Active tracks lenght of time aircraft type is displayed counter
                                                                                                                                                                                           135 LGCILS. Active tracks, length of time asserabl type is displayed courter
                                                                                                                        Active tracks; length of time aircraft type is displayed counter
                                                                                                                                                                                                                                                                                                                                                129 (GCHS ACTIVE Tracks: eligible to have blinking if displayed flag. Libit (GCHS ACTIVE tracks, eligible to have blinking if displayed flag. Libit (ACTIVE tracks, eligible to have blinking if displayed flag. Libit (ACTIVE tracks, forced control change flag. Libit (ACTIVE tracks) forced control change flag.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unassociated tabular tracks; DUP ID check by MAI flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unassociated tabular tracks; DUP IB check by Mai flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unassociated tabular tracks: DUP 10 check by MAT flag
                                                                                                                                                                                                                                   126 LOCITA Active tracks: arcraft type display inhibited flug
127 LGCIIA Active tracks; arcraft type display inhibited flug
128 LGCIIA Active tracks; arcraft type display inhibited flug
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Active tracks: forced control change flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Active tracks: tabular coast countdown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Active tracks: tabular coast countdown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   145 (6C119 Active tracks: tabular coast countdown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Flight plans: flight plan ETA/PTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          flight plans: flight plan EIA/PID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Flight plans: flight plan ETA/PID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suspend active status flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Suspend active status flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suspend active status flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                138 LGCT18 Active tracks: speed
139 LGCT18 Active tracks: speed
140 LGCT18 Active tracks: speed
                                                                       122 16/112 U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  136 (GC11) S
137 (GC11) S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   141 (GCT19 A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 134 (60116
                                     2110001 121
211371 077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            147 160120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    143 160120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          149 160120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              145 16012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    146 16012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               144 [6012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     150 LGC13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          151 16013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                152 16073
```

Unassociated tabular tracks: sapired track drop inhibited flag Unassociated tabular tracks: taplied track drop inhibited flag Unassociated tabular tracks: implied track drop inhibited flag

Unassociated tabular tracks: track position changed flag Unassociated tabular tracks: track position changed flag Unassociated tabular tracks: track position changed flag

153 16014 135 16014

154 16674

156 16075 158 16015

Unassecrated Latural Process (MBC correlation inhetited than

```
For associated tracks: least significant digit of flashing ABC
Chassaciated fabular trober 1866 correlation infusited that
                             Imassociated labular tracks. Italic surrelation subth territors
                                                                                                                                                                                                                                        Unassociated tabular tracks: 18001 process this scan ilig
                                                                                                                                                                                                                                                                   Unassociated tobular tracks; INVSI process this star 18.0
                                                                                                                                                                                                                                                                                                Unassucrated Labular tracks: FROID process the scan that
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tabular data repacked since last output to DOM flag
                                                      One or sted tabular trucks 1806 cereblition tesa
                                                                                                                      unacion rated tabular track-. HEDC correlation flag-
                                                                                      unds collater tables that some latter than
                                                                                                                                                 ingression nated behalar fracts: Acid change that
                                                                                                                                                                               Venussatiated tabular Priess ACID thange that
                                                                                                                                                                                                               Ban in tates tabular fraite, Attiv thange than
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Flag indicating no link erists in sensor 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Obstaddress of data for tabular tracks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 fine to monitor link in sensor 3 flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Time to monitor link in sensor 4 flag
                                                                                                                                                                                                                                                                                                                                                         line to monitor link in sensor I flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                lime to monitor link in sensor 2 flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pseudo link erists in sensor 2 flag
                                                                                                                                                                                                                                                                                                                              frach number of link in sensor I
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Irack number of link in sensor 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Track number of link in sensur 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Irack number of link in sensor 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         No link exists in sensor 2 11.09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          No link crists in sensor 3 flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Altitude tracking firmness value
                                                                                                                                                                                                                                                                                                                                                                                                                       No link exists in sensor I flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Altitude history sliding window
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pseudo link in sensor 3 flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pseudo link in sensor 4 flag
                                                                                                                                                                                                                                                                                                                                                                                       Pseudo link in sensor 1 flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sensor 1 link fast count
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sensor 2 link fast count
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sensur 3 link fail count
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sensor 4 link faul count
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Valid altitude flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Predicted altitude
                                                                                                                                                                                                                                                                                                                                                       172 148112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         176 LME136
                                                                                                                                                                                                                                                                                                                              171 (1823)
                                                                                                                                                                                                                                                                                                                                                                                       173 (NE)13
                                                                                                                                                                                                                                                                                                                                                                                                                    174 1.001.154
                                                                                                                                                                                                                                                                                                                                                                                                                                                175 1 118115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         177 (1811)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         178 LNE118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    179 LMR251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          182 LNK214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          183 LMT215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        134 LME216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    194 PAE 12
                                                                                                                                                                                                        HOTT 191
                                                                                                                                                                                                                                                              61391 64
                                                                                                                                                                                                                                                                                                170 16019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 180 LMK272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 LMK213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   185 LME217
                                                                                                                                                                                                                                        61301 891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 186 1 147278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         188 LHET2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     189 (MTI3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130 LHKT4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                191 14675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             192 LNET6
                             H) 16016
                                                        162 (601)
                                                                                      163 : GC17
                                                                                                                    1981 1981
                                                                                                                                                 61333 641
                                                                                                                                                                               8,351 941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              187 14471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           193 PALTI
```

For associated tracks: three allitude characters

199 198211 for assectated tracks: suspended track controller symbol
200 198212 for unassociated tracks: published by the correlated
201 1982121 Allitude of latest report with which this track correlated
202 1982121 Allitude of latest report with which this track correlated
203 1982131 Allitude validity code
203 198213 Allitude this scan flag
204 198213 Allitude this scan flag
205 198213 Allitude this scan flag
205 198213 Allitude this scan flag
205 198213 Allitude this scan flag
205 198213 Allitude this scan flag
205 198213 Allitude this scan flag
205 198213 Allitude this scan flag
207 198213 Allitude this scan flag
207 198213 Allitude this scan flag
208 198213 Allitude this scan flag
208 198214 Allitude this scan flag
209 198214 Reported beacon code for this scan for this scan for this track
201 198215 Reported beacon code validity code for this scan for this scan for this track
202 198218 Reported beacon code validity code for this scan for this scan for this track
203 198218 Reported beacon code validity code for this scan flag
204 198218 Reported beacon code this scan flag
205 198218 Reported beacon code this scan flag
206 198218 Reported beacon code this scan flag
207 198218 Reported beacon code this scan flag
208 198218 Reported beacon code this scan flag
208 188218 Face flag initiated into sisten flag
208 188218 Cartaller number flates, haddly receiver, former), split into 2 variables.
208 188218 Cartaller number devanded parameter into 2 separate variables
208 188218 Face controller number based on flight plan data if no clop berboard enter had 188218
209 188218
209 188218
209 188218
209 188218
209 188218
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
209 188219
200 188219
200 188219
200 188219
200 188219
200 188219
200 18821

counter for number of successive successful correlations for this track 235 RECR13

Not needed since the same counter may be used for parent trial and initial track correlation counts

256 FACES Auto acquisition allowed in a lector hold area (557 240 MECH) Auto acquisition allowed in a lector hold area (557 24) MECHS Seperal acde C altitude in FBB immobiled (159 783 MECH) 244 MECH 6

255 BECR1- Speed thanged flag
256 BECR1- Speed thanged flag
250 BECR1- Speed thanged flag
250 BECR1- Altitude thanged flag
250 BECR1- Altitude thanged flag
251 BECR1252 BECR1253 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1255 BECR1

 25. REAZII

 25. REAZII

 25. REAZIZ

 26. REAZIZ

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 27. SALII

 28. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

 26. SALII

Aural alars selected flag

Leader direction change request flag 265 SALTA
267 SALDDI
268 SALDDI
269 SALDDI
269 SALDDI

CIS thread change request flag Requested leader direction

No. of consecutive beacon reports correlated to a radar only track Selayed auto-terminate flag 21. S.1014 12. 21. S.1014 13. S.1014 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1015 13. S.1

Live/Iranning flag (live, mode : true) Delete from sector thread flag

Bearon larget correlation flag

For suspend tracks; three characters of altitude for tabular tracks; three M.S. ACID characters Radar Larget correlation flag

```
20 148132 for tabelar cosst tracks: person code
20 14811 for store tracks: becom code
20 14811 for store tracks: becom code
20 14811 for store tracks: becom code
20 14811 for store tracks: restly firs sphol
20 14811 for store tracks and track file in thread
20 14811 for store tracks are failtran sensor track busher (StN)
20 14811 for store track number (Sector thread)
20 14813 for tracks and track this sector thread)
20 14813 for tracks and track this sector thread flag
20 14813 for in the secondary bin on the scan flag
20 14811 for the secondary bin on the scan flag
20 14813 for the secondary bin on the scan flag
20 14815 for the secondary bin on the scan flag
21 14819 for the secondary bin on the scan flag
22 14819 for the secondary bin on the scan flag
23 1481 for the secondary bin on the scan flag
24 1481 for the secondary bin on the scan flag
25 1481 for tracks: recordinate
26 14819 former facts: recordinate
27 14819 former facts: recordinate
28 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
28 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
28 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
29 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
29 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
29 170011 fight plan or store tracks: index to Aff table (entry), alternate prisary controller
20 170011 fredicted track: recondinate
210 170011 fredicted track: recondinate
```

315 SIMSHID 316 SIPBLD 128 317 SIPCSMO minimum sector marks for psrap to be declared in synch; 3 318 SIPDERO I

312 [CID] 313 BTCG real lime clock value 314 SECTOLO Psrap sector mark O mainaum della wait lime

- 119 SIPIPROG crap synch concecutive id after parity, 2
- 370 SIPLUIG stap ere's without psrap input failure, 4
- 521 SIPPRU 8 (10), 10:036)
  - 322 SIPROTO ZANDE
- 325 SIPIEG Scap trac delay between factore, 4
- 124 SIPIIMa perap startup tine, 1
- 7 1 325 NSCCII - New section referencing table (2 t. 19 words), where 19 control to a recitorie - or
  - 256 MOKELII The vertor number for the NOAL table sluty [19 and "crimit, your state")
    - MSECITY. The "processing to be done" flag for the sector as the new tight stot ŝ
      - Monther of hits to initiate track from beacon only posture of tile 328 BOH! 10
      - Number of asses to purge beacon only institute a file 329 BONS10
- Beacon only window length (number of scans over which hiss and misses are countril 330 BOM 19
- Allowable distance, in X and Y, between target and tracks for discrete correlation 331 0150
  - Velocity vector delta above which radar only nativation files are terminited 332 Dryb010
    - Special firmness used for track correlated by !PUR 333 FIRM20
- tower speed limit for auto initiation 334 159010
  - Raziove IPUR execution tide PURT 00 335
    - BENETA . 35
- Mumber of misses to purge radar reinforced initiation file RBMSJU 3
- Radar-reinforced window length (number of scans over which hits and misses are construit 88 M. 10 828
- Muster of hits to initiale track from radar only initiation file BOHT10 53
- Mumber of misses to purge radar only initiation file 340 ROMS10
- 342 RUNNIG Radar only window length (number of scans over which hits and misses are in write) 341 NOISPDIO Speed below which radar only files are flagged as clutter files
- Scan length 343 SCANIO
- tower time limit for correlation of initiation filler 344 138 10
- Upper time limit for correlation of initiation file. S45 TIMUTO
  - Morking sector n 12 346 IPRSECO
- Upper speed limit for auto initiation 347 USPBIG
- Reports score table (parallel to RATIT) 349 PATAIT

(213) length - I in upper id in lower

348 51P101

- Report address table (2 \* RATIFNIQ) 350 BAT11
- A flag indicating whether the report for a RAT entry is in the secondary bin of the track 351 RATEEL
- The track number with which the report for a RAI entry is associated 355 RATES

A flag indicating whether the report for a RAI entry is radar only

352 BA1112

- A flag indicating whether the report for a RAI entry is beacon only 354 BATTA
- An inder for the report for a RAT entry, that points to the associated entry in the 185 table SSS MATTES
  - The musber of tracks that have been correlated to this report 3% BATT16
- An inder for the report for a RAT entry, that points to the associated entry in the BARI the qualifying score for the report/track combination represented by the RAI entry 358 BATTE

```
Radar only track table (5 # RUI10)
```

Radar Only Table (801) : azzauth ke form

Radar Unly lable (ROI): range

Radar Only Table (ROI): y coordinate Radar Unly fable (ROf): z coordinate 363 #01114

Radar Only Table (ROI) : y coordinate component of velocity

Radar Unly fable (ROI): a coordinate component of yelocity

Radar Only Table (ROT): sliding window 364 PRILITS 365 POLITIC 366 POLITIC

Radar Unly lattle (ROI): time of last correlation Radar inly Report (RAT): faraness value 367 fm1[18 368 fm1[19

Table containing display parameter data 369 DCUNI

Linking execute remote table: (RATif -) A register 370 ATRATT

Address of Beacon Unly Track Lable 371 40607

372 ADBRITE BRITEIT & BRITE2T table address

373 ADFIRST FIRST Table address (MSEMSQ words)

NSECit Table address (NSENSQ(SP) words) 374 ADMSECT I

ROlif Table address (MSEMSO words) RAT lable Address (NSENSQ words) 575 ADRA? 376 ADRO1

377 ADRP!

INSI! table address (NSENSO words) 378 ADRPT

Address of the SASIII table 379 ABSUMT

Address of the STIME of table 380 AD! IN!

382 ADITST Address of test target storage buffer (5 words) 381 ADTSAILL Lockout flag for Common Subroutine AL2L

384 ADUMCONT Address of UNCONT table (NSENSO words)

385 ADUNUSET Address of IMUSET word (1 word)

Address in AAFAP table for each subsystem (MSENSQ words) 386 AF XAD Masher of arrival fix areas inhibited for auto acquisition (NSENSQ words) 387 45.19

368 ALTHISF HALPH Lable use flag

389 ALSENS A flag indicating which sensor ALTRER should process

390 ALTIME Altitude threshold for altitude torrection; altitude correction factor 393 ALTINP2 altitude in 100s of feet

392 AOSPACE Address of NPEB

193 Alingi First range/attenth values for auto-drop areas

Second range/arrauth values for auto-drop areas 394 472162

395 AZMG3 Third range/azibuth values for auto-drop areas

396 AZMBINSI lable of azzauths for radar only report geographic clutter areas (inner) 397 A/MBIMS2 Table of outer aziauths for radar only report geographic clutter areas

The beacon and radar table (referenced twice: MAT, page 3.4.9-3; SDB1, page 55, data elem RBMSHI

```
Son British in Marker of Scan hits required to antitate a track to the fit or a tite to execute early the Marker and a
```

```
tool benikkly housen at stan asses aslamed telour purging a bea or can truck brop the click the counts)
```

453 BRAins Bhat's enable/disable tlag

the tracking base sector (sect 1) table the Byc:

The tracking base sector (SECT 1) (MSEMBLEST) word o 403 BSECT!

Bearuth segments used for outo 4548 substant 406 856.64

407 CAALARM Original time of conflict alert alarm

408 CASEMS - A flag indicating which sensor CALE should process 409 CMSL719 Amount of Lare needed

410 CNSLALL Length of conflict table

411 CHSLING Negative value of CHSLALL
412 CHSLINGS Length of DUPATR table name one

413 CMSUMEZ Length of conflict table minus 2 414 COASTI No scans the following may coast: Unassociated Rescon 415 COAST2 No of scans an associated beacon track may coast

416 COASI3 No scans an unassociated radar track may coast

No. scans an associated radar track may coast 417 CUASTA

418 CRSENS A flag indicating which sensor ICASS should process

419 CRICSAVE current real time clock value

420 CSAVBS Save word for BS (1 nord)

current working sector table 421 CSECT

422 CSECII Current working sector (S words)

423 CIBRAT Address of subroutines & tables BRAIS uses

On call execution flags & II code task ID (7 x 2 words) 174 CIINI

425 CISOVI CIS overflow flag

-26 DELETOI Maximum legal delta coordinate, X

427 MelXTD12 Maximum legal delta of T coordinate

428 DOVERT Radar overflow message buffer, in use in new sys?

Buffer containing test target display data 429 BIBU

430 DUFINE DUPIDE table locked out flag

431 BUPIBLY lable cleared for DUPIDC

432 BUPIBL Buffer containing duplicate IDs (BUPIDG(11) words)

434 BUPHEGI Length of DUPAIR table ainus one 435 BUPIOT Duplicate 10 push/pull table

length of DUPAIR table (1 word)

A flag indicating which sensor IERC should process

Address of end of BOTiT table (MSENSQ words), replaced m/pointer

Address of end of RAI table E MDRA T

Aul Bushell the number of scars that delines the mindow length of hits & as see from P in

<sup>4.0</sup> Bolost - Flag oudicating a BOL table overtion.

```
no rot table u.sye
                                 address of end of larget Report Store table
air impent address of end of Robbl table
                            440 ENDRFT
```

Contains an ESPP used to schedule PSRAP as a periodic popup

A set of 26 execute rebute instructions to perform aiscelanneous register fuading and storing family 442 FIGSAFLG Used to distinguish target generator status

Subrouting FINDSLOFD Locked out flag 444 FINDS

firaness table HE FIRM

first controlled track file table int se I per sensor 446 F1RSI

first Conthulto track file pointer first track file pointer 448 F18S11 447 (1851)

Mumber of controlled track files 449 118512

450 FREEZER larget generator system freeze flag; freeze flag; ant flag

451 FREEZER Target generator system freeze flag. Freeze flag, init flag

452 GALIIE inhibits or clears NSAM in approach areas whenf7, VI, or F7 VE respectively

453 GNSVB1 Used by subroutine GNTAE to save B1

Used by subroutine GMTRE to save 85 454 GNSVBS

455 IAITRI Table contains first inner range/aziauth values for airport areas

Table containing second inner range/airmulh values for airport areas 456 1421R2

457 INSENS A flag specifying which sensor IIMII should process

458 INCLUZE 2º length of pairwise inhibit table ainus 1

459 [MSL !! (length of pairwise inhibit table minus 1) 4 2

Table containing third inner rangefaziouth values for airport areas 460 [MSL12 (length of pairwise inhibit table minus 2) # 2

461 IR3

462 LOFUMER Contains ESDATA used by EOF

463 EATEND? Set to lattice execution time

444 LDD!ABL Contains addresses and instructions of system data for use by LDD!

465 15811MP Execute reacte table for loading St register 466 ISAIINP Execute remote table for loading SI register

467 LSA2IRP Execute renote table for loading S2 register

468 ISAZIMP Esecute remote table for loading S2 register

Temporary storage used by MALMOFF 469 RALH

MSAW alarm table 470 MALRIA

471 MAITIN TIMING VAFLABLE USED by NAT

472 RSANAL 20 MSAM alert indicator

474 MSCORT Difference between actual & rounded altimeter correction in feet 473 MSAMEE? Alara EF word

475 MSSEMS A flag specifying which sensor MSAM must process

476 MIDPORI System parameter table: no. of 10Ps Device number table

Device number table

```
430 MMBEHMET Parameter tablic no of HOBM.
```

### ANY MORNALLY Parameter Lable no of berbours. 468 MORINAL Parameter Lable no of tracks 464 MTRAD Index determing which copy of IRA

## Inder determining which copy of IRAD to run next

### Table containing second outer range/attenth values for airport areas. lable containing first outer rangelatimath values for appent areas 4.90 0A10R1

- 44) 042082. Table containing second outer range/armuch values for armout areas. 422 042083. Table containing third outer range/armuch values for armout areas.
  - - 493 URICSAVE original real trac clock reading
- 494 OSPACE NPEB packet used by PDUP
- 4'YS OSPACE!
  - 496 OSPACE2

## 497 USPACES

Table used by PAUS: current track being processed,no tracks,no of ever this lattice,no of provision ISMA BOA

### 439 PBDFCII Untracked target count

SOO TREET DESCRIPTION OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE CO

### RAI pointer table (S word revolving table containing inderes to MAI for sections a 1 than 12 sec Sue RAIPII

SUZ RATPETE SEE RATPET 508 RAT 112 SEE SUPPLE

### 509 RAIXII rat index table

510 RAIXIII RAI index : next evailable slot in RAI (MSENSO words)

# 511 RAIXII2 The next available address in RAI (NSEMSU mords)

512 BAINIIS final address of BAI (MSEMSO words) 513 BANSHII Member of scan hits required to mattate a track in the CIS from the BARI (MSHVs)

514 MBMSHIZ Number of scan misses allowed before a beacon and radar track is purged from the (15 MSH44) 515 MBSHIT. The no scans that defines the window length of the hirs 4 misses from beac 4 ratur tatl

516 BMSDISS Ander only report geographic clutter areas range table; snaer 517 BMSDINS2 table of ranges for radar only report geographic clutter areas; outer range 518 BMSSDIS Number of scan hits required to initiate a track in the EIS from the radar only table (MCRSU mord.)

```
519 Bestell tracking table no scans that defines the mindow length of the hits and mirror trom not only table
```

\$20 ARCHIZ Mumber of scan asses allowed before a radar only frack to purged from the CL. Michiga

521 Robowt ROT table overflow flag

۶

522 Rufseff franking table aan speed for declaring rader infy tracks as clotter

523 APCIR; No of Mig reports in sector n t.

524 RPUIR2 IRST table inder

525 RPUIR3 PSRAP/NIG lockout flag (NSEMOU words)

526. RICHASEL Tracking table dash for unused purtion of RTC

527 S211ME Srap needs swapping flag 5.28 SALARHSI Alera threshold count

529 SALARNSZ Alara count

550 SALIBEDI Temporary storage for conversion of binary beacon unity & rodar rest fearon to RLD

SSI SMINOCO converts beacon only and radar reinforced beacon attributes from . Minory to Binary to bell Decinal

5.22 SAN 18C93

553 SAL 18CD4

534 SALTBEBS

SSS SALIBUDA

536 SASTLE larget report sector access store (32 sectors by 4 sensors)

537 SASTITE The start inder into the 185 table for the first target associated with the sector (12 to 4 words)

538 SASIII2 The number of targets associated with the sector (32 words by 4 sensors)

Alarm label. SDAS aromuth out of tolerance SSP SBAUT

Alarm label 8045 BER arrouth siarm 540 S88AA

Alara label, 80AS BEX FIFO data trasout 14 3887 91

Alara Label, BDAS BEX FIFO overload 542 SBBF0

Alarm label: BDAS BEX range alarm Alara label, 80AS BEX mode alara See SBBA

3

Alarm label, 8DAS BMC restart performed SAS SUBBP

BDAS alarm inder table (13 mords) SA6 SBDALHT

Atarn label: 80aS defruiter fift overload 547 58060

Alara label: \$0AS silogical condition 548 S&IC

Alara label: 80AS interface error 549 SBIE

Alarm label. BDAS rng/code mords out of order SSO SBRCHO

A flag indicating which sensor SMABS is to process SSI SBSENS

Alara Label, BDAS BMC Lable overflow 35

Execute remote table for clearing unused alarm bits from SRAP alarm messages Alara label; BDAS test target not detected SSS SOFTIND SS4 SCALM

Scan time (MSEMSQ(SP) words)

557 SCANOIZ Actual scan time 550 SCIMEII Table used by SCIME: test & set flag

- Ser John L. Lurval track number
- and helpful Muster of the utions that believe
  - Self 31 FM 14 Number of propertions
- Set of 19615. Take or fast erecutions
- 26.5 EEEST No vectors in which reports were purject to a NAMET Working subsystem for 34 Me
- 565 SEMBL
- See SENSEE Secreties what subsected tracking is currently processed.
- Set Selbell Stepants calculated has an municity for redar centraced to a city or set Selbell Stepants about the body of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of t

- 577 SIPCLIIM Delta RIC value for clearing SkaP alarm counters (5 morts)
  - 5/9 SIPCLIIM parap time to clear error counter

- 577 SIPCOL The quadrant CSCI is turrently in (5 words)
  580 SIPCON
  581 SIPCOL Sum of the delia scan times (5 words)
  582 SIPCOL Flag deteraining if sectors are to be updated synthetically (5 words)
  583 SIPCOL Number of reports in 1851
  584 SIPCOL Number of reports in 1851
  584 SIPCOL SAMP enable interrupt status word storage (ER)
  585 SIPC SAMP enable interrupt status word storage (ER)
  586 SIPC SAMP enable interrupt status word storage (ER)

- SAS SIPENDIZ Temporary index storage SAB SIPENILI No of consecutive SRAP failures
- 549 SIPFALL? Line of last failure 540 SIPPOS 591 SIPFEGLI Inttalitation Hags: set/reet 572 SIPFEGL Intl Hags: set and a smc

  - 593 SIPFLE13 Inst flag: in sync, no sector mark
- 595 SIPPLEIS Counter for SIPFLEII (test and set init flag) 594 SIPELGIA Init flag: input parity detected
- 596 SIPFLGI6 Counter for SIPFLGIZ (inil and in sync inil flag)
- 597 SIPFLEI7 Counter for SIPFLEIS (in sync no sector mark init flag)
  - 598 SIPFIGIS Counter for SIPFIGIA (input parity init flag)

```
539 SIFFLRIC RIC of last declared SRAP failure
```

601 SIPICINI SRAP initiate chain input (ESICIN)

603 SIPIDER Count of number of consecutive words where message ID was not found (5 words)

604 SIPIFGI psrap sector mark counter

605 SIPIFIG2 srap initiation flag to indicate readiness for psrap processing

606 SIPINABR PSRAP input chain address (S words)

607 SIPINDI Total no. of words to process this lattice

608 SIPIND2 lotal number of words processed in this fattice

609 SIFIPCTI Counts: Input parity words per lattice

610 SIPIPET2 Counts: Input parity words per SRAP

611 SIPIPEXI Sector Mark initialization: index to start input parity processing (S words)

612 SIPIPER2 Sector agent instiglization: sector nark init flag

613 SIPITOI Input table overflow index

614 SIPJIOIZ Interrupt status table overflow inder

616 SIPLLP PSRAP execute remote table: load logical product on upp-1 haif of word in SKAP input buffer 615 SIPLAB PSRAP Precute remote table: SRAP input buffer -> A register

617 SIPLOM Length of parallel ShaP error messages to go out to ShaP output buffer (5 words)

618 SIPMUC CDI message store

619 SIPHOC2

620 SIPMOC3

621 SIPHOCA

622 SIPHOCS

623 STPMOC6

6' SIPHOII flag to theth message buffer

626 SIPHIS Buffer for formatted SRAP error messages (Temp Store minus I words by S words) 625 SIPHOL2 number of words in asg buffer

627 SIPNIPL Temporary storage for formatted SRAP message to be pulled from error message queue

#sg queue 628 SIPMIP2 temporary storage word for the fornated error asy in the error

629 SIPNCA SRAP execute remote table; no, of clutter bins :) A register

630 SIPOLSI No. of sectors which had radar only overload pro quad (4 quad by 5 staps)

631 SIPOLS2 On where n is the quadrant number

632 SIPOSU Used to override synthetic sector update

634 SIPPBI Erecute remote table: for pulling bottom on interrupt status word table

635 SIPPSEMS number of parallal sraps

636 SIPPAG. 637 SIPPAGE SAAP request alternate perspheral (EsbaC) 638 SIPPAG3

Stat execute retain table; lower milling of legicies

188415 65\*

```
642 SIPRICH Defines inferrupt status word table length of interrupt status with item
                                                                                                                                                           645. SIPRIET: Interrupt Status word table address of substruct status werd table
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 653 SiPSENSI Number of dual parallel Shaps configured minus 1 (5 words)
add hiffeit indie descute touche table upper Angeln. I A frug tor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                658 SIPSFII RIC value of last sector failure printuut (5 words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            661 SIPSMEL Count of sector numbers out of sequence (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  651 SIPSELZ SRAP input buffer pointer lest lattice (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           668 SIPSIS1 Number sector marks not equal to CSECF (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       666 SIPSIAI SRAP buffer for interrupt storage (5 mords )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         656 SIPSE22 Sector mark still expected flag (5 words)
                                               641 SIPRIC SAAP request interrupt capture transci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         654 SIPSEMS2 larget generator ingt flag (5 words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               664 SIPSSF2 Sector gark zero late flag (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          650 SIPSBIE SRAP timeout error count (S words,)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                662 SIPSME2 West expected sector mark (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   665 SIPSIARI RIC value at SRAP starlup (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     652 SIPSAINS SAAP store buffer input pointer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              649 SIPSIS2 fail count threshold (S words)
                                                                                                                                                                                                                                                                                                                                                                  647 S1958 Buffer input pointer (5 words.)
                                                                                                                                                                                                                                                                                                                      seb SIPRIE leaporary storage of RIE value
                                                                                                                                                                                                                                                           645 SIPRAT2 Belta RIC value for printout
                                                                                                                                                                                                               644 SIPROTE RIC value of last SRAP print
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             655 SIPSE21 Sector mark zero found flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    659 SIPSF12 Belta RIC value for printout
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        660 SIPSIC Delta sector trae (S words)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              649 SIPSBAD Address of SIPSBINI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   663 SIPSSFI SRAP startup flag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                657 SIPSFM 227222
                                                                                                                                                                                                                                                                                                                                                                                                                          GARS SIPSBAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       N67 SIPSTS
```

226

671 SIP1 After walue when sent sector should be declared (S words)

672 SIPIEMP the SRAP message to be processed (3 words)

678 SIPIIO Terminate input/output (ERIIO)

670 519511 PSRAP execute remote table: -0 -> SRAP input buffer

ત

the Strict Alexande of last change in Sain by Shar (Simers)

લ્યા પ્રશામહા

682 STP1162

eas SIPINGS

esa Sipinga

685 SIPIRE Temporary storage for largel report input messages (5 mords)

636 SIPIREZ teaporary storage for target reports

ERF SIPIRES

6:08 SIPIREA 689 SIPIRES PSEAP LEMPORARY LARGEL STORE, FIFTH WORLD

6-30 SIFIER Manber of test targets that failed the range/azimuth check (5 words)
6-32 SIFIER Fail count threshold (5 words)
6-33 SIFIER Fail count threshold (5 words)
6-34 SIFUSH PSRAP execute reacte table: pull botton sistiviction
6-34 SIFUSH Wanher of scans vailing for sector mark zero (5 words)
6-35 SIFUSH Wanher of scans vailing for sector mark zero (5 words)
6-35 SIFUSH Wanher of scans vailing for sector mark zero (5 words)
6-35 SIFUSH Wanher of scans vailing for large (5 words)
6-39 SICHE Linking execute remote table: RP on INEIT
700 SIGHE Linking execute remote table: RP on INEIT
700 SIGHE Linking execute remote table: LNEIT -> A register
704 SIGHE Linking execute remote table: LNEIT -> A register
705 SIGHE Linking execute remote table: LNEIT -> A register
706 SIGHE Linking execute remote table: LNEIT -> A register
707 SIGHE Linking execute remote table: LNEIT -> A register
708 SIGHE Linking execute remote table: LNEIT -> A register
709 SIGHE LINKING Adam labet: MP output FFO full

Alara label: MP RDAS/8DAS sectors not equal 706 SHPRBS 707 SHPRUF 708 SHPSF 710 SHP70

Alara label; MP RDAS data error

Alarm label: MP RDAS timeout

Alarm label: MP startup failure

Alarm label: MP table overflow

Number of radar only reports per sector (5 words) 711 SARORPI threshold at which radar only reports per sector are discarded (S words)

712 SNRORP2 Threshold at which radar only reports per sector are discarded (5 word 713 SOVER) Overload sensing and protection flag (5 words) 714 SRAOT Alare label: ROAS out of tolerance 715 SARPHI Relative peripheral numbers of the dual SRAP (5 words) 715 SARPHI Alternate relative peripheral numbers of the dual SRAP (5 words) 717 SARPHIS SRAPHIS SARPHIS SARP disabled flag (5 words) 718 SARVIS SARVIS SARP disabled flag (5 words) 718 SRAVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS SARVIS

٠÷

714 SREEFLAG Ferboard initialed SRAP switch flag

220 SRPICI Current target report store index (5 words)

Number of reports to the current sector (5 mords)

alura libel. RDAS REX detected arranth alum Aisin label. ROAS AME detected error 723 SPR06

Alara ishel: RDAS REX detected range alara 724 SR#D8A

Alarm latel: REX/RMC data timeout 725 SRRD1 Alura label: RDAS REX/RNC F1FG overload 726 SRRF0

Alara label: ADAS RMC overload SPRO 121 Alara label: RDAS AMC restart performed 723 SRRRP

Alarm label: RDAS restart data timeout

729 SARSDI

Alara label: 80AS RMC table overflow 730 58870

Next available open IRSaT index (S words) 731 SRSTHYI

RDAS test target not detected 732 SRITHD

733 SIACIO Processor save (push) and restore (pull) table control words Redar only overload function enabled flag 734 STAROR

735 SIIMELL larget report sector time store (32 sectors by 4 sensors)

Sensor overflow flag (NSENSO words) 736 STHOYT

737 STIAZM! Test target aziauth upper linit (S words)

739 STFAZM2 Test target azieuth lower Limit (S words) 739 STFAMB; Test target range upper limit (S words)

740 STIRNG2 Test target range lower limit (S words)

741 SIISIR Buffer containing target report store formatted test targets (6 by 5), where 1 3 km, 4 6 8m

742 SWAZINGI Partial auto-acquire, auto-drop tables: first range/azimuth for auto drup

743 SWAZZRGZ Partial auto-acquire, auto-drop tables: second range/azzauth for auto drop

244 SWITOVER SRAP kerboard processing function request flag

745 SHOWARI Partial auto-acquire, auto-drop tables: first range/arimuth for auto acquire

746 SNOVAR2 Partial auto-acquire, auto-drop tables: second rangefariauth for suto acquire

Indicator for subsystem used by keyboard configuration 747 SWSENS

Parisal auto-acquire, auto-drop table, unknown arravals for auto drup 749 SYSLOAD System load indicator (set by TEXEC)

748 SWUNR

750 SYSRO Radar only processing disable table

751 SZAKARM Execute remote word for incrementing 86 by MSEMSD

35 TALTIMPT TALTIMPT Training altimeter correction: altitude where correction necessary

753 TALTIMP2 TALTIMP2 Training altimeter correction; correction factor

Erecution flag table 754 18CH?

Tracking overloaded and sensors lost flag (set in IEXEC) (WSCNSQ words) 755 TERMIR

756 IESTFLG Test target enable/disable flag; display no. that requested display of test target

757 IGIGENI larget generator active/not-active (test mode) flag

758 1GTGEM2 Target generator is active flag

Training track considered for deletion code

250 INSUME Difference between actual and rounded altimeter correction (1.1 Francing)

Irack numbers: Granman triel

Track numbers: Barious noreal 762 1012 Conflict alert training interface flag 765 IRANI!

tracking table: length of RAI 764 FRA11

Addition constant for translating a coord from one subsystem to unather (4 sensor 17 4 securs) Length of RAT sinus 1 766 TRAXIP 26.5 1RAT2

Addition constant for translating y coord from one sybsystem to anction (4 serior 1894) and 167 IBAY 1P

268 HAXII Central track store index table: track file address
269 HAXII Central track Store (EIS) Index lable: track file address
270 HRSHMS A flag specifying which sensor IROUI is to process
271 HRSHMS Haxiowa number of radar only reports allowed per sector when overload sensing & protection is enable
272 HRSHMS Comments of HRSHMS minus in 
273 HRSHMS Common subroutine lockout flag: subroutine DUPBC
274 HSSSHI track Sector Summary Table (1555)
275 HSSSHIA (1555): a flag specifying whether or not there are any tracks in this sector

7/6 1555[118 Frack Sector Summary Table (1555); the number of tracks in this sector thread
7/7 1555[12 Frack Sector Summary Table (1555); starting track number of the first threaded track in this Sector
7/8 Tubbital Thread change flag: CIS

779 TUBERN2 Thread change flag: IMP 780 UNCONTL The file number of the f

UNCOWIL the file number of the first file in the related uncontrolled track thread

UNCONT2 The count of the number of files in uncontrolled track thread 781

782 UMCONIII uncontrolled track pointer table, not unused

Range/azimuth values for auto-drop table: unknown arrival range

284 UNUSETI The file number of the first file in the unused track thread

285 UNUSET2 The count of the number of files in the unused track thread

tinking execute remote table; TRAKiP -) A register 786 XIRAXI

SRAP execute remote table: for loading 0-register from AZMBIN: (LUMer)

SRAP execute remote table: for loading A-register from AZMBINi (upper) 788 SIPABU

789 SIPBUFAD SRAP input buffer address (S words)

790 SIPCHI PSRAP thain comeand table (S words where S is equal to the number of SRAPS)

SIPLIS Length of IRSIT table (S words)

792 SIPHNESI Maximum no. of reports for IRSII

794 SIPOVERI frecute remote table: SRAP input buffer -} A register

7%. SIPOVERS Execute remote table; SRAP interrupt status word buffer -) A register

796 SLSCLE Linking erecule regote table; SLO -) O register

797 SLSSEL Linking crecute remote table: SLG -) 0 register 798 SLSEL Linking execute remote table: ROR on LHEIT

```
130 St. S12ts Linking execute renote table: A register ) LHEIT
799 SLSFILE Linking execute renate table: A register -) LHELL
                                                                                                                                          801 Stille Linking execute renote table: Littil .) A register
```

803 SPEEDPL Fracking table- upper speed limit for auto initiation (MSINSU words) 802 SNPALMI Merge processing alarm inder table

604 SPEEBP2 Tracking table; lower speed limit for auto iniliation (MSEMSU words) 805 SKBALMF RBAS alarm inder table

Tracking table: Successive correlation marinum time interval Keyboard input table: aiscellaneous data BOG SYNI SO 11M1

Tracking table: successive correlation ainiqua tide interval 808 11ME2

Mosber of track files 80v Tut Central track store index table (2 by 19, where 10 is not track data files) B10 TREET

Tracking table: max velocity in which a track may auto-drop BII VELGE

Display pathel store 812 ADBPE

Address of the first entry in the SIMCIS table (1 word per sensor) 813 ABSTCT

Address of the TRNIT table 814 ADTRNT1

815 ABTRHIZ Address of the IRNZI table

816 ADIRNI3 Address of the TRM31 table

817 ADTRNIA Address of the IRMAI table

Tables for Amplify function 818 AMCT

819 AMERIKAT Output buffer for Amplify function Display packet store 820 APACE

Airport table (airports & fixes in II code) 821 APT Bit encoded keyboards (61-90) for adapted displays quick look 823 AQLR3T

Bit encoded keyboards (31 - 60) for adapted displays quick look

B22 AQLR2T

Bit encoded kerboards (1 - 30) for adapted displays quick look 824 AOLRCT

825 ACLANCI Range inside which tracks will be quick looked ,no quick look

Source identifier for MY IRACON (1 word) 826 ARTEID

Bit encoded training displays (2 words) 827 4TRNGE

829 BCONFIG A flag indicating primary/alternate sensor for displays A word table (32 words) 828 AND1

BCW command table 830 BCHCAM

Tables containing buffer control words for system data BSI BCM

MSAW/CA inhibited flag

832 BLACAN

834 ORITE21 Buffer for second BRITE tabular list (11 words) 833 BRITELL Buffer for first BRITE tabular list (11 words)

tegal sensor indicator in 11 code

Flags: which sensors need changing; which sensors are currently realigning; we are aligning

817 ISMFLG Flags: No. sensors processed; whether first pass

838 CACIDIX 11 character tables

```
850 CRIXII Product of current range & officenter of coordinate, complimented, scaled * 4: x coordinate
                                                                                                                                                                                                                                                                                                                                                                                 851 CAITXI2 Product of current range & officenter T coord, complimented, scaled 14
                                                                                                                                                                                                               Address of non-standard configuration tables (2 words)
                                                                                                                                                                                                                                                 Reyboard counters (21 bit fields)
                                                                                                                                                                                                                                                                                Reyboard counters (21 bit fields)
                                                                                                                                                                                                                                                                                                                  849 CPSFLAGI CA displays disable flag
                                                                                                        Subroutine sump table
                                                                         System display chain
840 CACIDIN II character tables
                                                                                                                                             iemporary storage
                                                                                                                                                                               lemporary storage
                                       Display tables
                                                                                                                                          S1 407 18
                                                                                                                                                                             845 CFG121
                                                                                                                                                                                                                                                                              S48 COUNT
                                                                                                                                                                                                               BA6 COFADC
                                                                                                                                                                                                                                                 B47 CHUNT
                                                                                                        84.3 CAOF
```

839 CACID21 II character tables

West available DM address for single symbols and altitude data blocks fable containing display parameter data Table containing display parameter data lemporary storage table DEMADS E003 **B**COM

Nest available DBM address for ASAM and full data blocks (2 words)

853 DBCOUNTI Altitude data block counter

I, I base coordinate

852 CSB1

855 DBCOUNTS Full data block counter

854 BBCOUNT2 Single Symbol counter

Table containing display parameter data lable containg display parameter data Table used for OBM display output 861 BEGRD1 862 DFLAGT 863 DFLAGE

Table containing display parameter data Contains MDBH parameter data A PLPR instruction 864 DFLAGT 866 DISTRI 865 DIM

OM address where data tykpes sublist begins; no. of sublist entries possible DBM address for kerboard on display (3 words, 1 for earh display) Temporary storage 867 DMFLAG 869 DSLINT BEB DPRAD

Display print inhibit flag Shift instruction 871 DSPR7 870 DSI W

No. words of data type I that can be processed in dead time: Small No words of data type 2 that can be processed in dead time: Small No. words of data type 3 that can be processed in dead lime: Small 873 BTE3

Dead time: Small 874 B1E4

line interval between data loss messages

EM & AF counter table for subsystems 1,2,3,6 4.

231

DBHAD2

856

872 0102

```
Output buffer for the tab display of new readout requests
                                                        tit designator symbols table
```

MiffPr variable: input ready flag, flight plan inhibit flag BELL FPFEGI

GAZ FREFEI System freeze flag 643 +RIC

file related data: freete time AIC correction value Riscelanneous flag BB4 FULCOM

Address of function processing routines, function characters ars FUNCE

Mormal exit jump table 836 **601**061

Table contains HJ & SA counters for subsystems 1,2,3,4 4

Heavy jet table containing aircraft category/flight plan status codes S88 HVYCH 1CH /659

Contains pointer to the laput chain 844 TCMPNI

Reyboard track information 1006 269

Misc. variables: lest & set for IMI available

BY INTUSE

Interfacility data word 892 IMIFCI 893 INIFC2

Exit jump table: capacity error exit interfacilty inhibit flag

Leyboard parameter data 875 TCOM 894 FCE

frit jump table: DUP ID error erit 896 EDUPAE â

Esst jump table: BUP BCN error esst EDUPES

Exit jump table: Format error erit S'N IFORM Bry LICE

Erit jusp table: ILL CHAR error erit Exit jump table: If IMMS error exit 900 LIFIN

East jump table: If MAIT error east 901 LIFE

Exit yoop table: Ill FNCT error exit 305 EILFE

Exit jump table: ILL LIME error exit 903 EILINE

Exit jump table: Ill POS error exit fail jump table: Ill IRE error east 904 INPSI 905 KILTAK

Switch table: KIP print inhibit 706 TIPIT Exit jump table: OUT RMGE error exit EOF switch table 908 EOFEET 907 ETTREE

Time KOF was entered 909 KOF INE

Miscellaneous variable: Training flag Esst Jump table: NO SLEW error esst 911 KSLEWK 910 COF ING

Assetlaneous variable: Leyboard index lable containing BRITE data 913 Eredx 912 EYBBT

Miscellaneous variable: Temporary storage 914 EYBINP

Miscellaneous variable: LA/CA store 915 LAWURD

Last bad status interrupt with input parity received (I per HOBM) Saved value of RTC to detect if the RTC has rolled over 916 157870

Count of received: bad status interrupts; external interrupt parity errors (1 per MDBM)

Last bad status interrupt with output parily received 920 MBADUP

Mobin display output processing table: nert starting address for output chain

MOBIL display output processing table; neit available address for insertion into output chuin 922 NCAD

P25 NUM1

Nettory readout request table 924 NE HRT

Next time (in RIC line units) that interrupts are to be enabled for HORM (I per MIRM) 925 ME11M

MOBM display output processing table: first address in chain area 926 NFAD

NOBH display output processing table: failure count 927 MFAILF

Kerboard sulfitunction table 928 RF UNCT

Miscellaneous variable: MSAM approach monitor entry flag 929 NF VGF

MDBM display output processing table: interrupt count 930 MICHIR

NOBM display output processing table: digits for teletype output 931 RIFDIG

Input chain table 932 NINCH

MOBM display output processing table: status queue BCW 933 HTHIBE NOBH display output processing table: interrupt entrance address Ē \$

Input processing table: temporary storage for input parily error status 935 MIPAR

Input processing table: count of number of input buffer parity errors received 936 NIPF

Push/pull control tables: input fuffer parity storage table for MDBMs DOM output variables: ACM for P-stack output 938 MIPSI

NOBM display output processing table: temporary storage for A register P39 MISAVA

NORM display output processing table: SIL instruction NO MISIL

MDBM display output processing table: last avail addr in chain area before overwrite occurs DOM output variables: BCW for stagger sublist output 941 HIST6 942 PLAAD

MDBM display output processing table. Tast addr in chain area

MDBM display output processing table: last MSSI word used

945 M.CL

MOBM display output processing table: interrupt routine

Display output processing table: last addr where an 10CL instr was stored in chain

DBH output variable: PSTACE for DBH refreshed displays MPSTACK MIN 247

DBM selection bits 948 NPTEM

Push/puil control tables: used to retrieve data from the HBDM input buffer 949 HPULT 950

Switch table: memory readout enable

MRDET

MBDM display cutput processing table: retry counter for restarting a stopped chain 951 MRET

154# inhibit flas #SAW16 32

Miscellaneous varible: temporary store MSCAND MOBM display output processing table: status loop inderes 955 MSLPX

Miscellaneous variable: temporary store

954 HSCBND

MDSM display output processing table: interrupt status word storage Output variable: A-word, B-word, & gross carriage returns 956 MSTAGT

Switch table: MSAM print inhibit flag 958 MSMEY

937 M1PPT

Variable, NHP soil flag; may fave busy tlag

Variable no time check on flight plans flag

Variable: Hight plan disk drive no ; Hight plan source Hag (disk or tape) SCAIM 189

Variable; esternal interrupt status nord storage 15121N 296

Variable: current time for Hight plan time check, no retries if error detected 483 MISTA

Variable: external interrupt status ward storage 964 MISIY

Output variable; no. display buffers in system 965 MBIFEE

Current configuration auneric 966 MC1G1

fable of site variables; number of IPPs 1040TH 7.0POT

Table of site variables: no. of NOBMS Table of site variables: no. of RDBMs

Table of site variables: no. of sensors

Output variable: no. of BCNs meeded to flood DBM chain

Table of site variables: no. of displays 972 HUNDOL

table of site variables: no. of displays 973 HUNDER

Table of site variables: no. of keyboards 974 MUNITOR

MOBA display output processing table; previous output chain pointer Musber of tracks 975 JRSHTQ4 976 OCBSC

Miscellaneous variable: CFG print flag 9)) P2FLGB

Assetlaneous variable: MPEB packet 978 PACE 17

Riscellaneous variable: MPEB packet 979 PACE21

Keyboard table: keyboard data miscellaneous PRO PAIRT

Reyboard tables: keyboard data miscellaneous Leyboard table: assellaneous preview data 981 PAIRT 982 PREVI

Hiscellaneous variable: program level 995 PRGLM

MDBM table: relative perspheral numbèr 984 PRIPHI

Teyboard table: horiz & vert changes of trackball in radar coord 985 PULST

Display table: keyboards for which quick look switches have been selected (31 60) 986 GL RC21 987 QL NC31

Display table: keyboard for which quick look switches have been selected (61 vs) Display table: heyboards for which quick look switches have teen selected 191 9al 988 QL RC 4 1

Display table: keyboards for which quick look smitches have been selected (1 30) 789 OL RECT

Terboard table: miscellaneous quick look data 990 (011) Reyboard table: miscellaneous quick look data Pri QUILI Variable: no. of flight plan files to pass over 992 BCMP 993 RCDNI

RDBM table: miscellaneous message acknowledge data

Variable: flags used while recovering from detected error 994 RECYT

ROOM table; re-transact counter for ROOM

Rewind flag

998 RICIT2

ROBM fuble; re-transast request aessaye no.: input,output

ROBN table: system time of Jast message received

PN RIMI I DUG RIBANI

```
currently being executed
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sensor frack number control table: sensor track number index table (MSEMSO words.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sensor track nuaber control table: sensor track number index luckout table
Variable: no. flight plans to pass over; 24 hour clock rewind flig
                                                                                                                                                                                                                                                                                                                           Variable: flight plan input day code; MIFP selected time for inputs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Related tables: It coded name of system operational program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Reyboard table: miscellaneous X, T base coordinate data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Related tables: system level display data table
                                                                                                                                                                             Atscellaneous variable: temporary storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Miscellaneous variable: temporary storage
                                                                                                                                                                                                                                                                                                                                                  Miscellaneous variable: temporary storage
                                                                                                                                                                                                                                                                                                                                                                                                             Mistellaneous variable: shift instruction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Smitch table: supervisory position ker
                                                                                                                                                                                                                                                                                                                                                                              Switch table: SRAP print inhibit flag
                                                                                                                                                                                                                                                                                            Display table: system data B word
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Miscellaneous varible: save 12
                                                          Variable: temporary storage
                                                                                      Variable: temporary storage
                                                                                                                                                                                                                                 Selected code display table
                                                                                                                   Variable, temporary storage
                                                                                                                                               Variable: temporary storage
                                                                                                                                                                                                                                                                Selected code display table
                                lable contains nothing i
                                                                                                                                                                                                       Display table
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1019 SVEOF62
1020 SYMBLS
                                                          1003 SAVERN
                                                                                  1004 SAVESH
                                                                                                                                             1006 SAVB 78
                                                                                                                                                                                                                                                                                                                      1012 SELTHI
                                                                                                                                                                                                                                                                                                                                                                                                                                       1016 STHDEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1022 STSLYR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1023 SYSLVI
1001 1161
                                                                                                                                                                                                       1008 SCODI
                                                                                                                   1005 SAYB6
                                                                                                                                                                                                                                                                                                                                                    1013 54640
                                                                                                                                                                                                                                                                                                                                                                              1014 58987
                                                                                                                                                                                                                                                                                                                                                                                                        1015 SROM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1017 SIM10
                         1802 SAI
                                                                                                                                                                         1007 SAYE
                                                                                                                                                                                                                                 1009 SCI
                                                                                                                                                                                                                                                             1010 SC11
                                                                                                                                                                                                                                                                                          1011 SDAB?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1018 SUPET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1024 TABBT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1021 STMF
```

RDBM Lable: no. coast/suspend tracks, no. of store tracks processed by AlDuP

Teyboard table; trackball A & B word buffer . . . etc;

1032 TBPRET

15181 \$501 157 1036 18143

1035

1033 101

Tab line 10 indicator: herboards 0 -) 30 lab line 16 indicator: beyboards 31 -3 60 lab line ID indicator: keyboards 61 -> 90 Miscellaneous variable: leaporary storage

1037 100P1 1038 11RP

lab line indicator: keyboards 91 -> 120

Kerboard table: miscellaneous second entered trackball data

System data BCH table for (for training)

Reyboard table; miscellaneous first entered trachball data

1028 TBAL 17

1029 18AL21

18CM 1031 IBLNCF

1050

Output buffer: satellite 1 -> 3 unique altimeter, Alts & CST

1026 TAST1 1027 TASTO

Output buffer: system time

[AS

1025

Output buffer: Host allimeter, AIIS, & GSs

modern for display of fit thanness taken

accepted affittade desplay Hay

HG related data; freeze time RIC correction value (training IUII IFRIC

faunters for display of HIT (frainting status) 1007 5001

Display toble; assettaneous display lata 1945 TERCAL

tracking translation table, sensor 1 to others: {2 by 4, where } r, 2 x, sensors } & fracking translation table, sensor 2 to others: (2 by 4, where 1-y, 2-t, sensor- 1-4) 1314 INDIAN LINE OF SET IN MINNES.
1015 INDIAN LINE OF SET IN MINNES.
1016 INDIAN LINE OF SET SET OF SET IN MINNES.
1017 INDIAN LINE FEBRUARY SET SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET OF SET

tast flight plan table (bulk store); word 1 1052 1511

tast flight plan table (bulk store): word 2 1653 1521

Counters for display of SAI (training status) ISAI 25

Last flight plan table (bulk store); word 3 15 1055

Output buffer: system time (training) Switch table: test mode enable 1056 151ET 1057 11AS1

line-related variable; time of day in minutes (training) 1058 FINDANS

Time-related variable: time of day in seconds (training) 1059 TTHBAST

Miscellaneous variable: reconfiguration inhibit flag 1060 111114 11 1901

Force aircraft type display table

Ξ

1662

Inhibit erreraft type display range table

Display table: last correctly received type I data word received from display line related variable; difference between the RIC and time of day (training) 1063 17717 1064 TZURUR

Display table, altitude filter - lower and upper limit 1065 UMFLT

IFR/VFR related data: VFR/IFR code block data table 1066 VIALT

JFR/VFR related data; contains addresses of VIICRI & VIII'NI 1ables 1067 VICABI

1068 VILLE

IFR/Vin related data: computer-assigned beacon code table

IFR/VFR related data: VrR/IFP inder table 1069 VICILI JFR/VFR related data: temporary murking table 1070 VICUI

IFR/FVR related data: IFB/VFR code request table 1021 YILCRE

IFR/VFR related data: IFR/VFR code request table (training) 1072 VITCHI

line related variable; difference between the RIC and time of day 1073 7ULU

1874 WRAPITME wraperound (add on) time to convert to 24 hour clock, 537

10/5 SIPSILO psrap length interupt status table

1076 SIPLOSFO OUIPUT LINE FOR SENSOR MESSAGE; 74100

Beacon code walldity walue below which the code is considered to be bad

Temporary storage

Teaporary storage Teaborary storage

10\*\* 4A4 1W 10\*\* ACT FW

```
| 1881 | APPL | Temporary Storage (1 mod 3) |
| 1882 | APPL | Temporary Storage (1 mod 3) |
| 1883 | APPL | Temporary Storage (1 mod 3) |
| 1884 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1885 | APPL | Temporary Storage (1 mod 3) |
| 1886 | APPL | Tempor
```

lemonary storage lemonary storage lemonary storage lemonary storage

1112 SCP00 1113 SCP00 1114 SCP00 1115 ICID1 1116 TEMTR2 1117 TEMTR2

Praparare torage Perpensary storage abe into Autradeor Mentall futage Temperary storage femperary starage

```
1125 IRADS Demonary storage
1128 IRADS Temperary storage
1129 IRADMS Temperary storage
11.23 TRADES E
11.27 PRADES :
                                               1.04 1840015 1
                                                                                                                          1124 186411
                                                                                                                                         1110 TRECT.
                                                                                                                                                                        21.0 TREECA
                                                                                                                                                          11.12 ING AB
                                                                                                                                                                                        1133 18ERBC
                                                                                                             381 8711
```

Jempin et a . for age Temporary storage Temporary storage lemporary storage Jensorary standage

leaporary storage

lestorary storage

Proporary variable (otal line elapsed in a direction lemborary variable, total time elapsed in a direction

farget report attouth (one enter per sensor)

High Highlic larger report 3/4 code validity and (HSHNSW words)
High Highlic larger report between code fonce per sensor). Widos fruc. Straig, false, wesh
High Highlic larger report straight May fonce per sensor). Widos fruc. Straig, false, wesh
High Highlic larger report mode C walning code fonce per sensor).
High Highlic larger report mange (once per sensor).
High Highlic larger report radar resolved bisy (once per sensor).
High Highlic larger report and report quality (once per sensor).
High Highlic larger report ladar report quality (once per sensor).
High Highlic larger report materials and cone per sensor).
High Highlic larger report materials and cone per sensor).

langel report training target generator than fone per se ... larget report in 1f8 gade flag 1150 18517 1150 18517 1151 18518

larget report special position flag (one per sensor) larget repurl used thay lone per sensor!

			i	-	1		:	•			
FILE: DED	SPF27515 D	۵		TA/SP CO	TH/SP CONTERSATIONAL BONITOR SYSTEM	WITOR SYST			PAGE 00001		
		;					and the				
DATABASE	SECTION	PAGE	DATABASE		-		TIPE		i.	DBWARK	11/TE
4000	3.139	3.0-40	NSITEQ.				<b>-</b>			TRACK	TTAPTID
C Ako	3.85	3.0-31	DSITEO	KRDT TROOPT COMP	LEAS LA		Ē	DEPT_STATUS_DEF_		TBACK	TTAPTID
C 144-4/8	3.55.14	3.0-24			•		:	A10_1166.Ang		ABD	TTARIBAD
M/A-AADTO	2.158	2.0-36	11	<b>MSITBQ</b>			<b></b> 1	DEDS_SSTDB_AWORD_DISP_TIRE		DISP	
C AAZaij	3.33	3.0-9	TSITEO	AAPXP			٠				
,							٠.	* / 2004   0000014		TRACE	TAUTOAU
U (					·			AIRPORT ARRS (-1-) - ARIR STOP	. LEIN_STOP		TTAUTOAQ
C AAZBIQ	3,30-31	3.0-8	TSITEO	OVAR2 OVAR	181		4 F	AIRPORT_ARRS (. 1.	)-ARPT_IMBIBIT (.		TTAGTOLO
v			•		-		٠.	OVERPLIGHTS. ASIM START	STABT		TTAUTOLO DE
U ·							ú	OVERPLIGHTS. AZIM	STOP		TTAUTOAQ
u u							<b>u</b> 1	TOTALS AZIR START	ART		TTAUTOAG
יט						L	ATRPORT	DEPT CALS. EALD ST	OF THEFT A		TTAUTOLO
ບ							AIRPORT	DEPTS (-1.) . LEPT D	ATA SOT. THERE A:	278 2	77101010
v							ا ن	OVERPLICHTS. AZIB	STABT		TTAUTODE
U (							u	OVERPLIGHTS. AZIM_STOP	STOP		TTAUTODE
υ i							н	DEPARTURES. AZIM_	START		TTAUTODE
ນ ເ							ú	DEPARTURES. AZIR	STOP		TTAUTODE
ט נ						<b>L</b> (	AIRPORT	AIRPORT ARRS (.1.) . RMG_AZIR_SDY. AZIR_START	IA_SDY.AZIH_STA!	F# -	TTAGTODB
C AAZLBIO	3.31	3.0-8	TSITEO	042082 04	012082 013083 011081		ALREORI	ABBS (-1-) - BBG_AZ	LA_SDI.AZIB_STO		TTAUTODE
ن			• • • •			L	ATBOOP		C MIST CHE 19TH 2	TEACE	TTAUTORU
υ							ATBPORT	Tree ( ) State	DATE SOF 17TH 2	78410	0401041
U							AIRPORT	DEPTS (.i.) ARPT	DATA PRIN 1918	3 54184	
v						u	AIRPORT	DEPTS (. i.) . ARPT	DATA PRIM. AZIR	3 STOP	TTAGTORD
M/A-ABDTO	2.104	2.0-18	11	DIABQ				THSHR DT ABD PAR		DISP	7
M/L-ABEAT	2.165	2.0-37						CTS_REPS_SIZES_HORD_8 SPARM	8_0mc	SPARM	
- {	γ. ι	9					<b>6</b> 4	TPIRM_TABLE	•-	TRACK	TIBET
W/4-1/40	9 - 1	0.00									
C ACRTO	3.54.13	3.0-17	CALIST	+1114			•				
M/A-ACP JONE	1.126	2.0-28	11	•			٠	MARK ACTORNA		TRECK	TKTERFER
M/A-ACQ	8.4.1	8.0-15					ı			375	
M/A-ACTIPT	2.165	2.0-39						CTS RRPS SIZES WORD 27		SPARM	
#/4-401.30	3.55.14	3.0-24									
M/A-ADHNO	3.119	9.0	04610#	1111							
W/A-ADOBP	2.41	2.0-8	73 1 1 2 2		-						
C AFIRM	2. 126	2.0-26	Ħ	TINIT			ebc	HTRE PIRM AUTO A		TOACE	******
C AFIKALU	3. 32	3.0-9	TSITEO	APKP	AAPXP		į	MUN ARR PIX ARRAS		TRACE	TATEL TO
	2.27	2.0-5	ı								
C APEP		,					4	ARR_INGIB_ARRA			TTAUTORO
1/4-1/80	3.20	2-0-5	DSITEQ	VIALT				ALPHA CHAR IPE			
#/#-#. AU	7 5 3	10.7	11	TAUL			L	IFY_ALLOC_BILES		IFI	
W/A-ALARRO	7.6.2	7.0-45									
C ALSET							11	ALTINETER. ALTIN. SETTING	SETTING		TTALT
	2.165	2.0-38	-				;				
B/A-ALTMASKQ	7.,	7.0-1	TI MSITEQ	RSAW			1	ALTIBETER ALTITUDE ALT BASK		KBO	TILL
								: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			TABLEC

		TIAPTFII Transce	TREISC	TBACK TEACK TEACK TTAUTOAQ/DR	######################################	TTAUTOAQ TTAUTOAQ TTAUTOAQ TTAUTOAQ	TTSEMSON TREESC TREESC	TRBISC
			171	TRACK TRACK TRACK	BANGE 1 BANGE 1 BANGE 2 STAR	7 TRECK		SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABILITY OF THE SPABIL
	LENGTE TTT INUT BUFFER ON CALL TYTIFFUT BUFFER ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL RESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE SG ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CALL PRESECUTE ON CAL	AIR_FIX_TYPE WO_FIXES_AWD_AIRPORTS	ARTCC_SOURCE_ID	IMIT_ALT_ACCEL_REASOM SEC_ALT_ACCEL_REASOM	TO TREFILE TO THE THE TREE THE TO THE TREE THE TE TO THE TREE THE TE TO THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE THE TREE TRE	TRACK AIRPOT DEPTS (.i.) ARPT DATA SDT. RANGE 2 INWER AIRPOT DEPTS (.i.) ARPT DATA SDT. BANGE 2 INWER AIRPOT DEPTS (.i.) ARPT DATA FRIME RANGE 3 INWER AIRPOT DEPTS (.i.) ARPT DATA SPRIME BANGE 3 ONTER	SENCOR TYPE.SUSE_NER_STATUS MIT_SOURCE_ID ERCDIC_SOURCE_ID NITRAC_SOURCE_ID	CTS_REPS_SIRES_WORD_7 PRE_ETA_PP_CHMG_STOW_DISPL ASD_BEACON_SDBSTS ASS_ASSOC_DISPLAT_WO
	िं ति तुः च जनननननन्ति तुः स्टब्स	Ī	*	.aa &	E E E E E E E E E E E E E E E E E E E	TRPORT TRPORT FRPORT	Ti TA Pebc	ਜਕਜ
VA/SP CONVERSATIONAL SOLITOR SYSTER	BRATS CTIP DTOD FRDG LIND ATCA ATCCT SCDG TSO TI BTCA ATCCT SCDG TSO TI BTCA ATCCT SCDG TSO TO TIP DTOD FRDG LIND Scdu tso BRATS CTIP DTOD FRDG LIND Scdu tso CTIP DTOD FRDG LIND ATCCT Scdu tso BAATS CTIP FRDG IFO KIP LIND BKIF SCDG TSO	APT APT	IDAT	ALTERA ALTERSI ALTERA ALTERSI OVASZ OVASI	4 4 u	O&20R2 OA3083 OA1081	AQLBHGT LDAT IDAT SDB2	COMA
	### ### ### ##########################	DSITEQ DSITEQ	DSIFEQ	TI TI TSITEQ		TSITEQ	DSITEQ DSITEQ DSITEQ DSITEQ	TI TSITEQ TSITEQ
0	200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3.0-23	3.0-8		3.0-8	3.0-30	3.0-16
SP\$27515 D	2.127 2.127 2.127 2.127 2.127 2.127 2.127 3.46 3.55.9 3.55.8	3.37	3.55.14 3.9 2.28	3.31		3. 31	3.82	3.54.1
PILE: DED	# A + A + A + A + A + A + A + A + A + A	c APTO	M/A-ABIJQ C ARCSIQ M/A-ABBASO	M/A-AREATO M/A-AREATO C ARGAIO	<b>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</b>	C ABGLWig	C ARBSASIQ M/A-AKTSIQ C AKTSIDQ C AKTSIQ	M/A-ASLD M/A-ASUCT C ASQ M/A-ASR7Q M/A-ASR7SQ

PILE: DED	SPP27515	a		VE/SP CONVERSATIONAL MOMITOR SYSTEM	L MONITOR SYSTEM	_	PAGE 00003		
	3.130 3.54.2 7.5.2	3.0-39	#SITEQ TI	BIGA MIGCI SPARM COMM		ज <b>ं</b> त	ADAPTED_TRAIN_DISP_FIAG PRE_FIX_ARIV_OVFL_TRPTOCTS	Brc	TKHISC
	3.20	3.0-5 3.0-5		AUT KOPC SDB2 SYSEQ1 AUT VIALT	1 STSEQ2	0 0 0 1 1 1 1 1	AUTO OPPSET TINE DELLA AUTO OPPSET CODE INFO APPE CODE INFO	PSRAP DISP SPARR	TTBC#B#K TTBC#B#K
MA-AVGDTQ MA-ANDQ CAAZDIJQ CBRQ CBRRLQ CBRRLQ CBCNTQ	2.117 3.110 3.25 3.21 3.54.14	2.0-21 3.0-34 3.0-6 3.0-5	DSITEU TI TSITEU DSITEU MSITEU	KOPA KOPB KOPC HTGA BIGGT AZBBIN TSBT PAIBT KYBOT BSCFWT HIPPT KOPA KOPC	BTGCZ SDB2 PHT BIPPT		AVG DISSPER THE ABOFT TOPER TO AZIM BIN AREA KID TIVE, BKQ INIT ALTH NOSCAN DISP BRACON	DISP KBD SPABB KBD TRACK	TTERIBRO TRAISC TRTERPAH
A/A-BINSIASQ W/A-BINS C BOHTIQ C BOTIQ C BOTIQ	3.100 3.100 3.103 3.75 8.3.2	3.0-26 3.0-26 3.0-33 3.0-33 8.0-2	TI SYSEQO TSITEQ TSITEQ B.4.2	CRIT KOPC MTP SDB2 SYSRQ1 SYSRQ2 TTID BOMSHT BOMSHT ENDBOT BOTIT	SYSEQ! SYSEQ2 <b>TT</b> ) BOTiT		MTRK_BIM_BIAS BULK_STORE_ BULK_STORE_ SENSOR_TYPE_BOOM_NO_MISS_POR SENSOR_TYPE_SIZE_BOOT	TRECK SPER TRECK TRECK TRECK	TTSEMSOR TTSEMSOR TTSEMSOR
	2.25 3.107 2.110 2.111 3.119 3.55.19	2.0-5 3.0-34 3.5.2-2 2.0-19 2.0-20 3.0-37		வ	01,2 TEXE TPUR TTI SDB180	##### B00 ##############################	SENSOR_TIPE.BCOW_SLIDE.WINDOWTRACK BEACON_BRET_PROCESS DBH_WO_PDB_TAB_BRIGHT DBH_SS_BRIGHT DBH_SS_BRIGHT DBH_SS_BRIGHT DBH_SS_BRIGHT BRACON_STG_LINIT_1 RSAW	TRACK SPARR DISP DISP DBR	TTSEMSOR
#/A-8SEG22 C CkQ N/A-CA Alara M/A-CA Alara M/A-CALALI M/A-CARIALI M/A-CARIALI	3.24 7.6 8.6 2.52	3.0-25 3.0-6 7.0-45 8.0-26 3.5.2-2		CDAT MSAMQ SDB1RO QUIKT SYSEQ1 SYSEQ2	U - 1	<b>4</b> €	BEACON SEG_LINIT_2 KYB_TYPE.CKQ CCD6494_CA_ZOME_SUPRESS	DISP DISP SPARM	TTRETBRD
		7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	711 SYSEQO SYSEQO SYSEQO SYSEQO SYSEQO SYSEQO TI	CALTO COAS ACRE PAUS ALTREA ALTREAT BRATS CRIT CTIP DTOD RIP RIP CTIP TOD RIP ROPA NOTE ROBB RIP SCOU SDAZ SLINK TONAT TENCES II TINIT TENCES II TINIT TELS TSUBO TSUBO TECASO TSUBO TSUBO	TUDCA TUDCA CDH COMA PPUD 1PO POOP PSRAP SOR! SOB'RO STSE2  SYSEQ2 TYRED TESEC TSUB! TYD	தன்ன் சக்கின்னின் சிகின	CTS BRFS SIZES WORD 42  ON_CALL  CALL  CTS BRFS SIZES WORD 39  CTS BRFS SIZES WORD 39  CTS BRFS SIZES WORD 40		
-	3.140 2.165 2.165 2.165 2.165 2.165	3.0-32 2.0-39 2.0-39 2.0-39 2.0-39 2.0-39					CAP.11m_SATQ_TBR_LIM CTS_BEPS_SIZES_WORD_28 CTS_REPS_SIZES_WORD_31 CTS_REPS_SIZES_WORD_29 CTS_REPS_SIZES_WORD_30 CTS_REPS_SIZES_WORD_31 CTS_REPS_SIZES_WORD_31 CTS_REPS_SIZES_WORD_31	TEACK SPARM SPARM SPARM SPARM SPARM	72. 03. 34. 64. 64. 64. 64.

	T K TO BE	TKTBKPBB				TREESC TREESC TREESC	TRHISC TRHISC
	SPABS SPABS SPABS TRACK	TRACK		8 CD 8		C D B C C D B C C C D B C C C C D B C C C C	CDB DISP DISP DISP
*0000#5#4	CTS_RRFS_SIRRS_WORD_41 CCD6499_SRLRCT HTRK_BLD_BIWS_RDR	EO_SCAM_UMSUCCESS_CORREL'TE Lemgha_cor_crit_data	CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD CONTINUOUS_DATA_RECORD	CDB_DISP_RILARR		CDR_AZIMUTHS_FILTER_SELECT CBIT_CENGTH_COMPIG_TABLES NO_COMP_TABLE NO_COMP_TABLE NO_COMP_TABLE NO_COMP_TABLE STERN_STR_COMP_TABLE ATHR_FINA_SPEED_CAL GTS_HEPS_SIZES_WOF7_9	ALT_5600_IN_BCD 2ND_LGA_TOWER_LOCAL_DISPLAY DISTAKCE_SQUARE
	ज्ले जो जो 14	ज्यं ज	न स्ट	7 7	d	73 1 1 1 1 ebc	
WA/SP CONVERSATIONAL MOMITOR SYSTEM	STSE OI		CDRD CDRP IFO KOFA HTGA KTSCT STSEQ1 STSEQ2 TPUB TSUCA			CBIT CRITO ASSOVE NUCC MSAWQ MSAWQL MSAWQU MSAWQU CPUT	
TIONAL .	SDB2		CDB CTIP MSAW SDB2 TPSEC			W2 85 N W 2	
COMPERS	FCASO KOFB NPRB PDOP STSEQ2 TITD FSUBO TSUB1					CRITD Kurc Hsa	# 20 CF
WR/SP	TCASO KOPB NP STSEQ2 TSUBO		ALTBKR COMA KOPB PDOP TINIT TSUB! CDAPT	CDDFT		CDARPT CRIT BSMOPE CPGT CPGT	CLUTALT CLUTDISP CLUTDISP CLUTDIST
	fi Siseoo Ti	TSITEQ BSITEQ	SYSEQO SYSEQO SYSEQO SYSEQO SYSEQO SYSEQO MSITEQ	MSITBQ		ASITEQ ASITEQ ASITEQ ASITEQ TI	MSITEQ DSITEQ DSITEQ MSITEQ
۵	3.5.2-2 3.5.2-2 2.0-2 2.0-32 2.0-35	2.0-35 3.0-18 3.0-30 2.0-33 2.0-33 2.0-33	3.5.2-1 3.5.2-1 3.5.2-1 3.5.2-1 3.5.2-1 3.0-3-1	2.0-32 3.0-35 2.0-34 2.0-34	22.00-134 22.00-134 22.00-134 22.00-134 22.00-134 22.00-134	3.0-16 3.0-29 3.0-12 3.0-12 2.0-2 2.0-3	8.0-16 2.0-35 3.0-41
SPP2751S		5	3 31.7	2.142 2.151 2.150	22.22.22.22.22.22.22.22.22.22.22.22.22.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8-4-4 2-152 3-141
FILE: DED	மன்ன வ	AAKG	MAA-CDB WAA-CDB WAA-CDB WAA-CDB WAA-CDB WAA-CDB WAA-CDB WAA-CDBAIO	N/A-CD8CBPQ N/A-CD8DIQ N/A-CD8DKNQ W/A-CD8KNQ			N/A-CHPQ N/A-CKEYQ N/A-CLUTALFQ N/A-CLUTDISPQ N/A-CLUTDISPQ N/A-CLUTDISP?Q

FILE: DED	SP27515	٥		WA/SP	CONVERSATI	WA/SP CONVERSATIONAL MONITOR SYSTEM	STSTER		PAGE 00005		
W/A-CLUTEKTEQ N/A-CLUTEKTETQ W/A-CLUTEKTETQ	3.142	3.0-41	DSITEQ DSITEQ MSITEQ	CLUTRATE CLUTRATE CLUTIPOS	a s, post, pes	2, pos 3			DISP 24D_LG_TOURE_LOCAL_DISP_ASOC_KYB LGA_CLUTTER X POS SPACOR_DAYED	DISP	ر ب ب ا
N/R-CABISO	~	3.0-30	MSITED	SPARM	CLUTIPOS, pos1, pos2, pos3 SPARM CRIT CRITO	2, pos 3			LCA_CLUTTER_T_POS_SENSOR	DISP	TKHISC
M/A-CNTDNQ	3.24.5	3.0-17	MSITEO	SPARM	KOPA				NO SCAN APTER HANDORY	DISP	
C COAST			5081	:				<b>.</b>	HANDURY_COUNTDOWN_NOWITOR CST_MAX_SCAMS_UNASSOC_BEACOM	SPARM	TKTRKPRA
CCOAST			5081						CST_BAX_SCAMS_ASSOC_BEACON UMASC_BDR_COAST_BAX_SCAMS	TRACK	TKTEKPRA
N/A-CONDO	3.14	3.0-3	SDB1	101					ASC_RDR_COAST_HAX_SCANS	TBACK	TKTEKPEM
M/A-CONLING			DSITEO					71 <b>-</b>	ARTCC_CONTROL_ID	IFY	
W/A-COS A	7.2.1.11									244	
M/A-CQ	3.41								CHECKER CONTRACT DO CA		
W/A-CRIT	í		SYSEGO	CRIT CR	CRIDT SDB2	SYSEQI	SYSEQ2	<b>p</b> 00	CRITICAL DATA COLLECT	SDADA	
M/A-CROSSQ	8.5.3	8.0-22	RSITEQ	CRIT					CRIT_SECONDS_SCALED	CRIT	
C CSPREDJ	2.6	2.0-2	II	TSUB0 1	TSUBI			u	HTRK_VELOC_CORP_LIMIT	TBACK	TKTRKFRR
N/A-CTSQ	2, 165	2.0-39	11	CDB	KOPC	Shalen		· ·	DBM_SZ_COAST_TAB_LIBES	DBR	
N/A-CTSST	2, 165	2.0-38	1	;		0		-	CTS_WORDS_PERTTRE	SPARS	
N/A-CTST N/A-CHAITO	2, 165	2.0-37	6						CTS_RRFS_SIZES_WORD_1	SPARR	
N/A-CYCLE	5.2.5	5.0-9	ATTTE	CALT					CRIT_HAIT_FACTOR_TO_RECORD	CRIT	
N/A-Clxro	3.41	3.0-12		CPGNIT	CPGN2T						
N/A-C/x x Q N/A-C3, C4	7,1,1,5	3.0-12	CSITEG	CFGS2T	CFGS1T			TA	CONFITER		
c Day		3.0-7	DSITEO	PLAGT OIRS	PLACT OIRPOT OIRCOT	0.5 E - E - C 0.0 T C	E 2000	•			
N/A-DAUBLO	2.122	2.0-23		2030	TRAD	Venc 31 100	TEODO IV		DISPLAT_COMPTG_TYPR.DOQ DBM ADB LEWGTH	DISP	TIDISPON
N/A-DALT	2, 122	2.0-23	HSITEO	CORC	NP EB	S082 T	TRAD		DBHLALT	SPARM	
0,1	3.14	3.0-10	TSITEO	AZ2RG2	AZ 18G1		1000	-		;	
	5.1.6	9-0-6	•				7.07.0	7 5	ONE SIZE TO COLLEGE STATE STATE STATE AND THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF TH	TRACK	TTAUTODE
N/A-DBABND N/A-DBASSO	2.122	2.0-24	MSITEO					.,	LAST_DBK_ADDR	SPARM	
	771.7	7 - 0 - 7	MS1780	RUMBCAS	MPSTACK						
			HSITEQ	BROBMA				1 . 1 .	SAM DES ADDE BRITE RSAM DES ADDE VECTOR	HSAN HAAN	
	2.122	2.0-22	TI	BSITEO	,				DSPSZ_TW_BR	DISP	
	2.122	2.0-24	851780	2000	SDB2				BRITE LIST 1	SPARM	
		3.5.2-2	SYSEQU	SYSEQI	75	SYSPAB		 	DEBUG AIDS	SPARM	
N/A-DCAPO	2, 143	7.0-33	HSITES	KOPB	PDOP	SD82			CONTROLLER_INKIBIT	SPARS	
			MSITEQ						DISP CARGE	OT CP	4101010
#/A-DCSSQ	2. 122 2. 122	2.0-23	MSITEQ TE	SDB2 TDOP	KOPC	MPEB DCOMB EDBND BTDOP	BND RTDOP	7	ATB COAST SUSPEND	SPABE	
			MSITEO	•				4	COLUMN TARIAN TO THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF T	DISP	TENTONIA
DDMF2			RSITEO						JESP_HAINT_2	DISP	TKDISPID
00552	;		MSITEQ						DISP_OSS_PHASE_1 DISP_DSS_PHASE_2	DISP	TKDISPID
A/A-DEDRNUS	2.153	2.0-35	8		1 1 1 1				1		1475774
	2,122	2.0-22	72116	4004	RCORK ROBRD	2002			EM_BP_HJ_SA	SPARR	

040 -0114	SDF 17616	6		SESSES COSANCE INNOMESTO GRANDS GUYES				
-				79 80 178000 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 218000 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800 21800		ODDOO STORY		
			MSITEQ MSITEQ		ं च ज	DISP_EVR_SAT_ARREBAD DISP_EVR_SAT_DEPT_RAD		TRDISPID
			MSITEO		-ri -ri	DISP_BHR_DEPT_RAD DISP_EHR_FIMML VECTOR	DISP	TKDISPID
			HSITEO		· <b>-</b>	DISP_BUR_TOWER_LOC_CONTROL		TKDISPID
			MSITED			DISP_EME_BAINT	0159	TKDISPID
C DEMRT			BSITEQ		11	DISP_ERRITORER_TCA		TRDISPID
M/A-DPOBLQ	2.122	2.0-23	MSITEO	COMC LING MPER SD82 THAD	·	DBR_FOB_LRMGTH		
C DRPNA	771.5	6.5-0-5	BALTEC	COMC Lind AFEB SUBZ TRAD		DEST FOLL DB (DATA_BLOCK)	SPARE	
c DUPND			MSITEO		٠	DISP HPN DRPT BAD		TKDISPIC
C Darent			BSITEO	-		DISP HPN TOWER LOC CONTROL		TRDISPIP
c office			CALISE		·-	CONTRACT OF THE PARTY OF THE	DISP	TKDISPIC
M/A-DISLGTPQ	3.79	3.0-29	_	CRITD	44	CRIT_INGTE DISP_TABLES		71361041
B/1-DISLGTH	3.79	3.0-29	~	CRITD	·- <b>4</b>	PULL CRIT LMGTH DISP TABLES		
c bisei			HSITEO HSITEO			DISP ISP EAST	0152	TRDISPID
c DISPL			MSITEO		<b></b> -	DISP ISP TOESN TOC COMPROL		TENTSPID
c DISPN			BSITE		·	DISP_RAINT		TKDISPID
C DISPN			HSITEO		-	DISP_ISP_HORTH		TKDISPID
Pasio o	3 136	3 0-36	RSITEO	0006	·~ ·	TOUR STATE TOUR STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE ST	DISP	TRDISPID
N/A-DISHORDS	3.79	3.0-29	HSITEO		<b>.</b> -	CRIT NO DISP TABLES		TATERFEE
c DIS20	3.45	3.0-14	•		1	SAX DIPP XICOORD ACOU SOSP T		TKTRKPRB
C DJPKD			_			DISP_JPK_BEPT_BAD		TKDISPID
C DJPKP			MSITEQ		<b>.</b> 1	DISP 3FR FINAL VECTOR		TRDISPID
1 2 C C C			CALTER		٠.	DISP JAK TONER LEC CONTROL	4210	TKDISPID
T. MALCO			MATTER		м ·-	DISE TRE HOUSE FOR		TEDISPID
c DLGAB1			ASITEO		4 ~4	DISE LCA TORER LOC CONTROL	0156	TRDISPID
c DLGAB2			MSITEQ		٠	DISP LGA TOWER TCA	DISP	TRDISPID
C DEGAD			MSITEQ		٠,٦	DISP_LGA_DRPT_RAD	DI SP	TRDISPID
C DLGAP			HSITED			DISP_LCA_FIMAL_VECTOR	DISP	TROISPID
N/A-DROAC	2 122	2 0-24	Carion	SDBZ COMB KOPB KOPC NPEB BUSHD	٠.		SPAC SPAC SPAC SPAC SPAC SPAC SPAC SPAC	
N/A-DNDBO	2, 122	2.0-24		APPR	4		SPARS	
C DMIC			_			DISPAICKE	0156	TRDISPID
M/A-DMBQ	2.172	2.0-22	MSITEQ	PDOP EDBRO ROGP SUB2	1	REMORY_READOUT	SPARS	
DESECTION OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE	2. 122	2.0-22	71	MSITEQ	· <b>-</b> 4 ·	DSPSG_TM_MRM_READ	9510	
2000			Darior Carior		-d ·.	UISK KERBER	0156	TRUISPID
N/A-DPBITS			ASITEO	KIPH		DISPLAY BITS ENCODED WD	0150	2
M/A-DPBITS	3,78	3.0-29			•			
W/A-DPBITS1	3.78	3.0-29	RSITEQ			DISPLAT_BITS_ENCODE_4D_1	DISP	
c DPDTIQ	3.54.B	3-0-17	MSITEQ	CORA SAT		PIN INCREMENT FOR ACID	SPARS	TRBISC
M/A-Degio	7.04.9	7 -0 -	Carion	THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	€ •- •- •- •- •- •- •- •- •- •- •- •- •	FID INCHESENT BOLLOVER CLOCK	2 4 4 A A A	TKBISC
N/A-DPRNC.	2.175	2.0-42		NOTA NOTE NOTE STEED STOKE STEEL S	700	ALM RUDA D'AVEN CHARA	01.00	
M/A-DPROFF	2.176	2.0-42	11	30000	. ~	ROBELPERTEN CHABL OPPSET WORDSDISP	3015P	
M/A-DPRSQ	91.1	3.0-16			· <b>-</b>	DBM_SZ_A 15_RRDUND_WORDS	089	
M/A-DPSFQ	27.175	2.0-22	ASITEO	DOP MPEB SCOMR SUBSE	-	POTALCY PEDRINGS	SPARM	
C DRGW DRGWID	3.34	3.0-10	TSITEG	AZ28G2 AZ18G1 TE	AIRPORT.	1 DISP_RSV_AMM_KAD TE AIRPORT_ARES (+1.) + KNG_AZIM_PRIM.RANGE_RMO	TRACK	TEAUTODE

TINGLODA	TKDISPID				TKDISPID		THE RESERVE	Thatse					TRDISPID	TKDISPID	TRDISPID							C 18 14	TATRAPA									TRMISC		TKRISC		TRAPTID	14444	TKAPTID		TKPITID			TIBCRBNK				_	
9210	DISP	SPARS	SPARM	SPARM	OI SP	SPARS	154	T T T T		F 0 4 d 5	E N T O S	DISP	01 SP	01 S P	9159		SPARK	•	SPARY	OISP	SPARS	141	01 SP									SPARM	SPARE	DISP		TRACK		TRACK	SPARB		DISP	SPARS	11.					
UNKNOWM ABB SYSTEM AND BINDS	DISP_SATES_ELLIS	SELECTED_CODES	DISC_ALLOC_MAX_DRIVE	SYSTEM LEVEL	DISPLANA ANN MAD	START BEFEESH NU	PRE DAN PP CHAG STOR DISPL	DES AN CRESSES	DBM_SINGLE SYMBOLS	KYB STORE TRACES	PRF STAGGER SUBLIST	DSPSZ_TB_ST	DISP_SW_DEPART	DISP_SWEET_ROBINSVILLE	DISP_SW_RAMP		TEST TREESE		TARGET GEN TRACKS	DSPSZ_TM_TG_S128	SISTEM_TIME	STO OF GRAF TIMESO OF SARA	I_FIL_HAX_VELOCITY_BDB_ONLY								TIME BTHN DATA LOSS MSGS	ENGNCY BEACON CODE ALLOC	SHONEY COUNTDOWN CODE	AIBCBAPT TIPE DISP	1	SNSB_1_EWB	* #4000014 004 004	ERR DEPT AIRPORT V	TIME EXEC STORE LOC ZULU	CONP_PIX	TASHR DT FBD PARK	FULL DIGITAL DISP	FIRST_IPR_CODE					
<b>Z</b>				٠. بـ	٠.	4		٠		=				٠	_		• ~		, a	-	-											epc	-	Δ						T.			epc					
DARG KOPC MPZB BCOMR RDDND 5D82		MPRB				DSPKY				KOPC RPEB RCOMB RDBND KTDOP SDBZ TDOP						TALL READ MOUNT BOOM CHAS			BIGA NIGGT SOB2	o.	KOPC MIGH MIGCT POOP		DELITOOT								PLDDDT	COMA CORB PSRAP TSUB0 TSUB1	COMB	OMA	7.0-28 7.3.1.13 7.0-35	TEXEC			CRIT KOPC				VICOT VICINT					
TSITEG	MSI TEQ	MSITEU	11	09110	701170	BSITES		SITEO	SSITED	HSITED	SITED	11	RSITEQ	MSITEO	HSITEO	11	SITEO		RSITEO	11	MSI TEQ		TSITEQ								BSITEG	11	11	RSITEO	7.2.1.13	HSITEO	7.4.2	SITEO	11	,	LI	STSEOO	DSITEO			•	,	
3.0-17		2.0-22			2 0-30		3.0-16					2.0-22	-	•							2.0-22	3.0-16	3.0-32	9-0-1	7.0-24	7.0-11	7.0-28	7.0-35	7.0-23	7.0-12	:	2.0-24	2.0-25	3.0-15	7.0-11	3.0-37	7.0-41			3.0-40		3.5.2-1	3.0-4	2.0-38	٠			
3.54.12		2.122	2.100	771.7	2 123	3.77.1	3.54.2	2.122	2, 122	27.175		27.155				2, 122	2.122	2.105	2.122	2.122	2.122	3.54.2	3.94	8.2.2	7.2.1.10	7.1.1.14	7.2.1.13	7.3.1.13	7.5.1.	7.1.15		6.123	2.123	3.50	7.1.1.14	3.124	7.4.1		2.155	3.138			3.20	2.165				
DEGUNQ M/A-0SAQ	C DSAF	M/A-DSCODTO	M/A-DSKRU	717717	00000 T	N/A-DSPKYO	c 050	M/A-DSSL	N/A-055.)	M/A-DST10	B/A-DSTAGO	M/A-DSTSO		5 DS#5	C DSER	A A L D T B D	N/A-DTESTO	B/A-DTPDQ	8/A-DTG2	#/4-DTGS20	M/A-DTING	0120	c DETECT.	N/A-D2130	M/A-EDIO	N/A-EDOS	N/A-ED05	#/A-EDOS	0003-4/8	M/A-E003	#/A-ELDUNTO	C EABQ	M/A-EMCTQ	c Eutro	1/4-ES	0 E E	M/A-EWBnIi	C C C C C C C C C C C C C C C C C C C	M/A-EZULDQ	C Pada	W/A-FBDTQ	N/A-FDEG	C PIPRO	M/A-FILT				
														-				-			2	45				-	,	-	•	1		1		1	-	-	,	•	´,			,	-	,		_	-	

						•			****	:		
PILE: 02D	SP27515		-	WA/SP	WM/SP COUVERSATIONAL MONITOR SYSTEM	IONAL MONIT	TOR SYSTE	434	PAGE 00008			
W/A-P1217	2,165	2.0-38	ogland					ì			1	
	8.5.5	6.0-23						7.1	11 (188853214515	HALLA	116180	
M/4-P18319	2.126	2.0-26	11					-	STRK_FIRE_1	TRACK		
M/A-FIRRIQ	3.5.4	8.0-22	] .	9					STRK FIRE	TRACK		
C FIXBO	3.43	3.0-13	DSITED	#12CVP				e DC	TRUE FERNANCES	TRACK	TATERES	
	3.43	3.0-13		PINCVT					NO PIX DEPIM MAISPT	IAI	TRBANGE	
	3.54.6	3.0-17		KOPC					HANUAL STORE TER STOP TIRE	TRACK	TKELSC	
C PEDRO	2.161	2.0-36	11	# E O U	COMB			од. 3	HIRE SCAMS BOR PLASH	TBACK	TETSKESS	
	3.20	3.0	DSITEO	VICOR	VICIXI			1.4	CODE INPO	181	TERCHENE	
N/A-GANNO	2.40	~	,						1	· !		
N/A-GHALTO	3.55.20											
M/A-GTALTQ M/A-GTA140	1.55.20		_									
N/A-GTALIO	3.55.10											
M/A-CTRIJU	3.55.10											
N/A-HDEVO	2.33											
1	3, 55, 18		-									
C 8380	2. 123	2.0-25	•	COMA COMB	OHB PSRAP	ле тавно	TS491	e pc	HIJICK BEACON COUR ALLOC	SPART	TKHISC	
#/#-#13CLC	2.123	2.0-23	11	E SEC				e .	HIJACK COUNTROOMS CODE	E B B B B	4	
	7. 124	10.0	08115W	T E A C C				٠.	A FORGOTT TO MONOTO	THE ACK	TARTIU	
			STIFE					٠. ب	I FROM IN FREE NAT	18106	TKAPTI	
	3, 121	3.0-37		KOFA	RCORB	8 D B R U		•	HAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A MAN A	SPABR	TKHISC	
	3, 121	3.0-37		KOKY	9C038	RUBAD			HOMETRK	SPARM	TKBISC	
C IAABQ	3.44	1.0-14	•	IFI					IFY AUTO ACQU ZHABLE	241	TATERPES	
	9 2	20.0	MSITEO	INGI				4	IFT_ACK_TIBEOUT_INICHAL	IAI		
N/A-ICGFEO	2.43	2.0-0										
N/A-ICHA	2.167	2.0-40	11	IDAT IPE	190			٠	CHAIR RECEIVE	191		
N/A-ICTA	2.167			IDAT IFI				-	CHO IPT TRANSHIT	171		
N/1-IENT	5.1.5.1	5.0-5							•			
N/1-1FQ	3.7		SITEG	INIPC				enna	enum ARICC_CAPABILITY	IPY		
M/A-IFERT	-		É						0 00 0000000000000000000000000000000000	•		
#/#-17.40.0	2, 15,	2.0-4		7047 191				<b></b> .	ACT SECONDS STATES OF THE TRAINING STATES	1 4		
N/A-ILPO	8.4.5	B.0-17	•							:		
M/A-IBARPO	3.15	J. 0-3		IPO				. <b></b>	TEL MSG BECKENGE PAGE	1 4 1		
A/A-INBBC	2.159	2.0-16	11						DESCRIPTION OF TRAINING	DISP		
M/A-INITED	2. 24	3.0-40	051180	PCO # 9	CNRCS	8008		-	TAIT BORN BARGE WILLIAM	808		
N/A-INPBQ	2.157	2.0-35		IDAT 181					IP. BU INPRINT BUPPERS	IFY		
M/A-INTBCHJ			TĘ					•	AUT INT BEACOM	TRACK		
M/A-INTRAD3								~	AUT THT BEDAR	TBACK		
#/1-10PPU	3.125	3.0-38										
#/A-10P1Q	1.125	3.0-38										
M/A-107-0	5. t. c.	0.0										
M/A-IPGTWO	2.48	2.0-9										
M/A-IPJGT40	2.49	2.0-9										
c ISP	3.124	3.0-37		TEREC				·	SMSR_2_ISP	TRACK	TEAPTIO	
c ISPA		-	HSITEO						ISP ARREST ALREGER #	TRACK	TKAPTIO	
;								,		: ! ! ! .		

						TRAPTID	TAPLED	400000000000000000000000000000000000000	OMOIQUI,		CIGINAL	TERREDIO	TACIONI	STACIONE	DIVETORY		TELLET	TENTO	TREADID	TKKIBID	TKKIBID	TRKYBID	TRKYBID	TRDISKIB	TKOISKYB	TRDISKTB	TRDISKIB	TRDISKIB	TADISKIB			TKKYBID	TKKYBID	TEKYBID	TRDISKIB	TKOLSKYB		TROISER		TRATBID	TRRIBID	TKKIBID	TENICE	TROISETR	TRKIBID	TRETBIO	TKKTBID	TKKYBID	TERTBID	TRAIBLD	TRDISKIB
		2446		171	IRACA	TRACE	T T T T T T T T T T T T T T T T T T T	4 6 6 7	200	200	000	2 4	n a a	200	2 2	2 4	202	20.6	X 25	KBD	K B D	KBD	KBD	KBD	KBD	KBD	K 8 D	# BD	K 80		CRIT	KBD	KBD	K 8 D	KBD	KBD	K 8D	T R N	1	KBD	KBD	K B D	2 5	80	X B D	K80	KBD	KBD	X 80 1	2 4	X 80
PAGE 00009		TAI TEST FROGES	TON BOX DOORS SALES	THE TRY DEDUTE TERESONE			DESCRIPTION OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE	ACAS OF SAME	STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STA	NAC TOLEGE CHARACT CALLOR		AID CAMBEL BO	TOTO DIA TOTO	ALD DOS PRESE	A TO OTH DATE THEORY	KAD BELLE	ATO THE PERSON OF		ARR RAD HO KTB THE SAT	KYS EMR SAT DEPT RAD	DEPT RAD HO SAT BUR KTB	KIB EWS DEPT SAD	DEPT BAD HO EUR KYB	KYB EUR PINAL VECTOR	FINAL_VECTOR_BO_KTB_EUR	KIB_EWR_TOWER_LOCAL	KYB EUS MAINT	KYB_BUB_SAT_i	KIN ENE TORKE TOR	CRIT LEGIS AND THEIRS	CRIT NO KYB TABLES	KTB_HPW_ABB_RAD	KYB HPW DEPT 840	KYB_HPW_ARR_DEPT_HO	KYB_HPN_TOWER_LOCAL	NYB HPN HAILT	KIP_INT_STATUS_T&BLE_SIZE	ATT AND TENDED TO THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF		KTB_ISP_EAST	KYB_ISP_EAST_HO	KYB ISP BOR HYN	THE PROPERTY OF A PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE	MAR ISS SERVICE	KYB ISP NORTH	KYB_ISP_WORTH_RO	KYB_ISP_WEST	KTB_ISP_WEST_HO	KYB JPK DEPT BAD	TARE LAND DESCRIPTION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE P	RIB_JPR_TOMES_LOCAL
_	-	-	٠.	4	•	4 -	٠.	Ē		4	٠.	ij		٠.	4	٠.	-		٠		٠.	٠.	٠			·~	<b>-</b>	1	٠.	٠			<b>,</b> 7	-1	.a ·	.a.	-4 ··	4	ı	. a.	٦.	-d	4	4			-	·# ·	۰ -	٠.	
VH/SP CONVERSATIONAL MONITOR SYSTEM	CORDAD CORDAD	מונות מונות מונות																																			P SDB2														
VA/SP CONVERSA	Cods change car for the	141	1047	1010		7979		SYNT PAIRT	TEG KIP																				4	CRIT	CRIT						DOP IFO KIP		KIPKY												
		•	041120		CAGION	200	ASTIES	DSITEO	1.1	No.		731150	20 E E E	001101		044151	7111	ASTTEO	HSITEO	DALISH	MSITEO	MSITED	CELISH	RSITED	MSITEG	Calish	#SI TEC	MSITEQ	Callon	RSITEO	BSITEO	MSITEQ	HSITEQ	MSIFE	HSITEO	HSITED	T.I	Carish	MSITEQ	BSITEQ	HSITEO		CAFIVE	SSIFE	BSITEO	HSITED	MSITEG	BSITED	ASITEO	737760	HSITEO
0	1 5 1-1	7-0-	0-1		7 0 - 37	2		1.0-6	2.0-25	2					2.0-25	,	2.0-25												0 - 0 - 4	3.0-29	3.0-29						57-0-7		3.0-28							~					
SPP2751S	OCASAS	2.20	3 3	;	7 1 7			3.26	2.174						2.124		2, 124													3.78							471.7		3.77.1												
FILE: DED	0.42-1-47 u	M/A-ITED	M/A-10110	M/4-1607HO	A TEK	e xac	C JEKD	C Kko	N/A-KCA)	C KCAK		KDISHT		EDS 2	N/A-KEDO	- 18 X	N/A-KENTO	CKESAB							C KEARP:		N N N N N N N N N N N N N N N N N N N		MANAKET CONTRACTOR	M/A-KEYLGTH	M/A-KEY LORDS	C KRP4A		CKRFNDH	-	SKARA O	M/A-KIC	C KILIB	4		C KISPEH		Clasia		CKISPN		_	_	C KJPKD		C KJPKICL

	TKDISETB TEDISETB	TKKYBID	TRETRID	TKDISKYB	TROISKIB			TKKYHID	TKOISAYB	TRDISKYS	TKKTBID	TKKTBID	TRAIBLU	TKKKBID	TKKYBID	TKDISKYB	TKDISKTB	1881810	TARIBLO	TRUISAIB			TATERPES				TKAPTID	711101			TKTRKPRR	E # 2 V # 7 V T	TRRISC	TKT#KPB9				TTSEKSOR			TISENSOR		TTSENSOR	
	K B D K B D	(8) X	C E X	KBD	KBD	KBD	O S	2 2 2	200	KBD	KBD	K 30	2 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	. K	K 8 D	KBD	K3D	0 0 0	200	0.80	SPARM		10 10 10 10 10 10 10 10 10 10 10 10 10 1	2			- A			!	TRKTRACK	Idnibaten	DISP	TRACK				TRACK	E # 4.0		TRACK		TBLCK	
PAGE 00010	KTB_JPK_RAIBT KTB_JPK_TOWEB_TCA	KIB LGA DEPT BAD	AT A TOTAL OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE	KYB LCA TOWER LOCAL	KYB LGA TOWER TCA	DISP_A_BIT_ENCODED	DISP BIT ENCODED	SALLE SAM		KYB NW BAMP I	KTB_RBV_ABU_BAD	KTB_BBY_ABR_BAD_HO	THE CHARGE		KYB SNA ARE RAD HO	KYB_SW_DEPT_BAD	KIB SEDEPT HO	SWEET ROBINGLAND	TANISON CONTRACT	KYE PER DISP	CTS_REPS_SIZES_LORD_45		TIME LATTICE ADVANCE	AIT CONTROLLER LOREST FOS	3 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		TO STATE STATE OF STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE				ABTOC LOW TIME OIF DEP ARIN TRACK	TARGET TO THE CONTROL OF THE PARTY.	ADB_BCON_CODES_DISP	MTRK KOLLINK FAIL				SENSUE SPERD, LOWER SPERD	NOUN DISK NO PARAG		SENSOF_TIPE_BAX_BCON_RPTS		SENSOS TYPE, MAT BAD RPTS	1
		<b></b>	<b>~</b> -	4 - ~4			Ţ.,	٠. هـ		-1		<b>~</b>		4	امر. ا	-	.н.	٠٠ سر	- i	1 -	יה ני		٠.	-				-			· · ·	-	٠.					Ę.	I.A		Ţ		1,1	
SISTE																					HIVEC																							
WM/SE COMVERSATIONAL BOMITOR SISTEM																					CATU COMA			NO.														Seero						
VM/SP COMVERS						KIPH	KIPH														ALTRKB ALTRKHI CATU	!	4	MISTG NUTA							CONA	CORA	COSA CONS	COMA SLINK				TRUB	DISTRI MBUFI					
	MSITEQ MSITEQ	MSITED	77775	SITEO	MSITEQ	HSI TEO	21120	77110	SITEO	HSITEO	RSITE	SITEO	021150	STURE	CELISE	HSITED	SITES	SITES	ASITEO TOTAL	ASI TEO	11		TI	DSITEQ			HSITEO	721100			I.	1.	#S1TEQ	TI	-		-	ŢĪ	DSITES		MSITED		MSITEO	<b>,</b>
a						3.0-37	3.0-37				_									3.0-37		5.0-7			B-0-2	8-0-5		2.0-38	8.0-1	_		8.0-3		2.0-28	2 0 2	2.0-33	7.0-13	2.0-27	3.0-10	9-0-26	3.0-33	6-0-7	3.0-38	
SPR27515						3, 122	J. 122													3, 119		5.2.1	2.103	3.23	8.2.3	8.2.4		2, 165	9.2	7.2.1.6	3.54.2	8.2.5	3.123	1.126	2.165	2. 165	7.2.1.6	2.126	1.01	3.6.7	1.127	2.53	3. 127	1.55.22
File: Deb		C KLGAD	KI GAP		C KLGATCA	M/A-KHOBRIAQ	M/A-KADBRIQ	30123				C KRDVE	C NOAT			C KSND	C KSWDH	E KNUE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M/A-KYBHO	N/A-LALT	N/4-LAT	C LATTO	N/A-LCONLY	M/A-LDA2	N/A-LEV120	CLGAA	K/A-1673	N/A-LINCON	#/A-LK20	C LLAC	M/A-LADINO	c Larbay .	C LNKCTU	M/A-LEA!	M/A-LNK2T	M/A-LSEP	C L5P010	040-4/4	M/4-34C3Q	C HAXBBIL	W/A-SAXCHU	C MAKERIO	W/A-MAZAD

FILE: DED	SP#2751S D	۵		VM/5P	VM/SP CONVERSATIONAL HOUITOR SYSTEM	L NOBITOR	SYSTER		PAGE 00011		
#/A-#80TQ #/A-#8%i C #CDIQ	2.166 3.54.16	2.0-40		#SITEQ TEXEC				Ti ti	TASER_DT_MBD_PARM NUM_MBBH_PERTHERAL WO_MBOR_C_DISP_LADICATOR	DISP PSRAP DISP	TRBCUSKL
N/A-8630		3.0-1	MSITEO	KOPB	TTYD			-			
N/A-HPIREO	8.2.7	8.0-4						4		25.48	
M/A-SPRAMS		8.0-9		6		;					
#/#-#FSEFB	7.1.1.15	7.0-12	7.2.1.14 7.0-24	7.0-24	7.3.1.10 7.0-33	- 33					
M/A-MFZALD	8,3.6	8.0-11				000					
N/A-RFISEQ	8.3.5	8.0-11									
W/A-MINCHO	2.114	2.0-20	TI	ICHPNT							
M/A-BINDT2	701.7	2.0-19	11					-4	DEDS MIN DEAD TIME	nrsp	
N/A-BISCA2	2.34	2.0-7									
W/A-RISCGO	2.42	2.0-8									
	ر د د	7-0-7									
0.46.H.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.	7 - 7	8-0-7									
M/A-5KL0TO	• • • •	7.0.0	DSTABO					-		:	
N/A-RHRELO	8.2.8	8.0-5						4	ALT_UANUS_USTU_NANALIA	DISP	TRECESEL
N/A-BNRNGO	3.134	3.0-40	DSITEG	ACORA	400k	SDB2			MIN BOBE BANGE FLITER	ROBE	
c 3003	3.35	3.0-10	TSITES	TINIT					HODE C OVER CHECK	TRACK	TRATSC
N/A-MPKEY	2.116	2.0-20	1.1					٠	BELLEVINE AN ENGINEER		Trait
N/A-MROKY	3.11.2	1.0-29	SSITEQ	MRDKY						200	
N/A-MBEAD)	2.115	2.0-20		IPO KIP	M T CA	MIGCI	SDB2		ABUPP HI ROOUT CHAR	K 80	
N/A-BRG13	3.55.22	3.0-26	TSITEQ	AAFEP				Τλ		TRACK	
ARGS 10	4.3	3.0-9							ARRIVAL_PIX_AREA.BANGE		TTAUTOAQ
M/M-EKONO	3.113	3.0-17	11						DBM_SZ_MEM_RDOUT_LINE	084	
77051478		1.0-23	Dalica	BAUNSE	SCHOOLS STREET				MSAW_DISP_AREA	HSAN	
N/A-85A9		1.5.7-2		ALLENE KOPB	ALIGNAL CIR KOPC MORU		NO FA	<b>-</b> 4	HSAW_ALT_TRK	SPARM	
N/A-MSA-		3. 5. 2-2	S # S P. 0	2	954820	02.454				E 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
M/A-MSAJ		3.5.2-2	515200	OHRACE HSAR40	SDB1	50.00	SYSPOI				
F. SE-4/4		3.5.2-2	SYSEOO	575E02	•	TIND		٠		2440	
N/A-#50520			11						DBM SZ MSAW CA TAB LIST	015P	
N/A-MSW (A-D)	2.166	2.0-40							1		
N/A-BSHA		04-0-7	11	COMB CURC	BC NSEN			.a	MSAW_PERIPHERAL_MUMBER_A	HSY	
5 - 5 - 5 - 7 × 5		0 - 0 - 7	Į.					<b>.</b>	MSAW_PERIPRERAL_MUMBER_B	ASVE	
		7.0-40						٦.	MSAW_PERIPRERAL_MURBER_C	REN	
N/A-RSEKYO	3.77.7	3.0-28	HSITEO	WSBK				-	noar Februars and Bonded U	# # CE	
N/A-STDC SL	2.36	2.6-17	11						CAN READ REPORT	E B	
N/A-STDCBLA	2.95	2.0-17	1.	47.6				٠	DSC BUPPER MORDS	2 X	
M/A-MIDGEA	2.33	2.0-13	TI	ATP					DSC RFW READ	K B D	
M/A-MTPLP	2.98	2.0-17	TI	MIP				in.	DSC_WORD ADDRESS	KBD	
つかりにはーマンス	3.119	3.0-37	ĮĮ						DBM_SZ_TARGET_GEN_TRKS	0.83	
M/A-STUSI	7.91	2-0-1/	i								
			1.1					-	DSC_21_FLT_PLAMS	SPABR	
M/A-3185CQ	2.04.3	3.0-10	791170	STOTE							
N/A-SIALO	7.1.1.6	7.0-5	7.2.1.5	7.0-18							
M/A-HICTO	2.104	2.0-13	7.1						DEDS C WORD DISP TIME	010	
N/A-AXENGQ	3.134	3.0-40	DSITEQ	8 DO P					MAI_ROBM_RANGE_FILTER	DBM	
N/A-MXSDT3	•		C31 150					-	MAX_SMALL_DISP_DEAD_TIME	DISP	TKBCMSEL
M/A-RICAU	8.2.6	7-0-6									

PILE: UPO	SPR2751S	a		48/82	TA SH3 FROM	TOKAL AD	MASS CONTERSATIONAL MUSITOR SISTEM		PAGE 00012	
Z/A-#200AQ W/A-#300AQ W/A-#300AQ W/A-#400A		8.0-10 8.0-10 8.0-17								
0.018.47.8 8.44.8 8.44.8		3.0-30	DSITES	PRIPHT				TA	HODE PERIPH NO PURAN	DISP
ZAN ZAN Z	7	3.0-38	NSITEQ	30	_		-			HSAV
N/A-NABAU N/A-NABBU	1.129	3.0-38	MSITEQ	COMB	MSAND AS	MSAW 15A	15AN2D MSAM20	ب.	NO ROAD BURNEY	BSAB
M/A-NAP133	3.55.2	3.0-19	:							
M/A-NABTOO	= ;	3.0-3	DSITEQ	IDAT		KOPA		4	NO ARTCC CONTSOL POSITION	IFI
N/A-NAUTDO	5.0	3-0-5	TI	AUT		1.1	Ko PA	⋖	IFT_NO_ARTS_FACILITY_ADAPTED TIME AUTO OPPSET DISPLAY	I F T
N/A-NCORBPO	2.139	2.0-32						•		
M/A-ACDEDFO	2.140	2.0-32	•							
M/A-MDCPED	2, 185	2.0-44	#517EQ	TTED					MOCENTARY BERNARD	DISP
M/A-NDOSAQ	2. 185	2.0-44	TI	90000					RDSS CSA DATA CSA ALABR	
W/A-NDITQ	2. 145	2.0-45	11	ROBND				- ~	BOBH CBA INPUT THING ERBOR	
M/A-NDNDD-2	2, 185	2.0-44	II	CNSCO				٠٦	BDBR_RO_DATA_RECV_PGOR_DPS	DISP
CACCOM-Y/R	ر <u>18</u> د د	# - O - C	-	000000000000000000000000000000000000000					OUT_DATA PARITY ROUS DISPLAY	
M/A-NOOSQ	2, 185	2.0-45	1.1	00000				-4 ·•	CONTOP SYNCH KINK DISPLAY	
M/A-NDOTO	2.185	2.0-45	11	RDBAD					SOURCE TO TO THE SOURCE STATE OF THE STATE OF THE SOURCE STATE OF THE SOURCE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE	DISP
M/A-NOHADARJ	3.126	3.0-38								
W/A-MDRIPO	2.185	2.0-45	I .	B D B R D				٠ 4 ٠	IMPUT PASITY ROSK DISPLAY	DISP
N/A-NDTPE	2, 185	2.0-44	11	ROBRE				<b>.</b>	SORM TSR DIRECT PROGRESSIAN	0157
M/A-NDU	3.128	3.0-38	RSITEQ	SDB2	TRT			٠	NO DISP BK TRT	SPARM
上来記書ー考/素	5.1.5.2	5.0-5	į		6					
OGE JEW U	6.113	07-0-7	TI	MINE CO	COMA COMB SDB2			-	DAMENDE POR POR	DISP
CHIERO	3.20	3.0-4	DSITEO	VIALT	WIALT VICILT VICUT	<b>1</b> 00				L 441
M/A-NIOPPO			MSITEQ					· -4	NO IOPS PULL LEVEL	¥0
M/A-MIOPO			MSITEQ	HTGA S	S081 SD81	SDB180 SDB2	TMP	٠	NOTOPS	SPABM
OCCUPATAN			OST ISM						NO TOPS LEVEL 1	SPARE
N/A-NLEGS	7.1.1.7	1.0-6	,						STREET STREET	C 1 4 1 C
N/A-NRDBR.	3.71		BSITEQ	TTYD KIL	PR ABUR R	INDUP SO	ITYD KIPH MBUP MINBUP SDB1RO SDB3	ŗ	NO_OP_HDBMS	SPARA
	244		- F	DTKJ					SOURCE SERVICE STATE OF THE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SE	
COLONN - A/N	2, 135	7-0-4-	- E	60830					A COURT OF THE COURT OF THE COURT	4510
N/A-NOCISMADS	1.79	3.0-29	RSITEQ	CRIT	CRITO			4 -24	CRIT NO WORDS FER TRY	CRIT
M/A-NURADAR?			BSITEG					-	NO SCAN RAD DEL TILB	SPABN
N/A-BORADO	3.126	3.0-38	SSITED	508183	5085	TITD		<b>.</b>	TILS EPPECT NO SCAN RAD DEL	SPARM
N/A-N88P.	2.140	2,0-43	11 L	0	2905				NO DESCRIPTIONS OF STA	2 E E
M/A-NRBUP	2.174	2-0-45	DSITES	RC038	808#0	RDOP			NO OUTPUT BUREER	SPARA
M/A-HRBUFO	7.174	2.0-42	TI	Calien	RCOMB	ROBAC	Roop		NUM_BOOM_OJTPUT_BUPPERS	9819
N/A-MEDGAD A	1.72	3.0-23	M SI TRU	ECO3# E	20830	50B1E0	2.8a2	٦.	NO CH BOBRS	E5495
N/A-SKEDSAL	7. 184	2.0-44	7.	80830					CAN LAC ONC BARCH	- A 7 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
M/A-NREITO	2.184	2.0-44	TI	4.00AD					CHA LAPUT TIMING KREOR	3510
M/A-NREOS	2.184	5-0-44	11	ROBRD				-	CHA_CHT_OP_STCRIL	9213

	HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBARAMA HAMBAR	11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	TTBCE BER TTBC N BER	TRAISC TRAPTID TTDI SP
			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20
PAGE 00013	CRA PARITY REROR TEK SUBPCA_MSECT_LEGT NO_SESSS NO_SESSS NO_SESSS NO_SESSS NO_SESSS NO_SESSS NO_SESSS NO_SESSS NO_SESSS CTST_COT_CET_CET_CET_CET_CET_CET_CET_CET_CET_CE	CTA_DARPIT_ERROR SENSOR_TPPE_FROM SENSOR_TPPE_FROM CELOTTER_BIEL. CRIT_NO_DISPLAT_LO NO_DISPS CRIT_NO_CTSPS CRIT_NO_CTSPS CRIT_NO_CTSPS CRIT_NO_CTSPS CRIT_NO_CTSPS CRIT_NO_CTSPS CRIT_NO_CTSPS	CODE IMPO. MPB. DSP.52.NDB. DSP.52.NDB. DSP.52.NDB. DSP.52.NDB. DSP.52.SS	CTS_REPS_SIZES_WORD_43 AIN_OVFLT_AIT_BRS OVERFIGHT AIT_BRS OVERFORD SEMSING OVERLOAD_SEMSING OTERCOAD_SEMSING OTERCOAD_SEMSING
<b>E</b>	ज्ञाल लाजानान ज	जा जिल्लामिक जिल्लामिक	ज चित्रं को जो जो जो जो	ਵਾ ਕਿਕਿਕਸਕਿ26
WAZSP COMVERSATIONAL NOMITOR STSTEM	EXEC MARWO MSAWED MSAWEQ MSAWED MARWO MSAWWO MSAWED ATGA MSAWWO MSAWWO MSBERICO SUBS THY TYPE CURD CRIT CRITO DBAT MEDBHO SOBE	RDBMD SIPNCA SIPNCA SILVA CALTO SDUINO SDB2 TRT CALTO SDUINO SDB2 CALTO SDB3 CRT SDB4 SDB180 SDB180 SDB180 SDB180	WICIKT WICOT	STSEQUESTED STB1RO
VN/SP	SUDS TEREC SUDS TEREC MSAND MSA MTGT HUS SUBS SUBS SUBS TRT MPED ROB SUBS TRT ROBND	RDBND RDBND SIPNCA CRITO SDL BO CRITO CRIT	V I A L T	TCASO TCASU TRAE TTAE STSE21 PDUP
	11 11 18:11 18:11 18:11 18:11 18:11 18:11 18:11 18:11 18:11 18:11 18:11	TI TII TIITEO RSITEO RSITEO RSITEO RSITEO	DSITED TILITED TILITED	TEL DALLING CALLING CALLING
Ω	2.00-49 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1 3.00-1	2.0-43 3.0-29 3.0-26 3.0-26 3.0-26 3.0-26 3.0-29 3.0-29	3.000 000 000 000 000 000 000 000 000 00	2.0-15 2.0-15 2.0-22 2.0-22 2.0-19 2.0-19 3.0-25 3.0-23 2.0-33 2.0-33 2.0-33 2.0-33 2.0-33
SPF2751S	2. 128 2. 128 3. 1. 2 3. 133 3. 133 2. 163 2. 163	2.183 2.1133 3.57 1.57 1.57 1.7. 1.1.0	φπ. π. π. π. π. π. π. π. π. π. π. π. π. π	1.1.2 1.1.2 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.1.35 1.35
PILE: DED	NR PERSON NO O O O O O O O O O O O O O O O O O	NAMES OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT OUT OUT OUT OUT OUT OUT OUT OUT OUT	NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NVFALL NV	M A A OLDOY KD A A A A OLDOY KD A A A OLDOY KD A A A A A A A A A A A A A A A A A A
			251	

F11.2. 343	. fek 2351s.	a		VRZ 2 2 28%	KBS ATLOBAL	ANYERSMITTORAL MORITOR STATEM	States		PA000 8089		
#/4-PDS1Q N/4-PE C PEASXQ M/4-PERT	3.55.11 3.0-23 7.2.1.14 7.0-29 2.7 2.0-2 5.1.5.3 5.0-6	3.0-23 7.0-29 2.0-2 5.0-6	11	TSUBO Tel			•	ų	NTSK_HI Z88 AZ N.	THACK	TKTBKPB+
C PEDST M/A-PPSGO M/A-PUTING M/A-PO	3.5.2 2.37 7.2.1.14	8.0-21 2.0-7 7.0-29					-	H	PERHT_TABLE	TRACK	1192891
M/A-F0510 W/A-PPET W/A-PRGLO	~1	5.0-9 3.0-23	Į.				•	- 	DSP_RRIGHTHESS	ersp	
MANA PEOGRA			11:1	CALTO TCA.O	TSU30 TSUB0	19.72 19672	V Dr B.L	a a a	CTS_BEPS_SIZE, WORD_37 CTS_BEPS_SIZES_WORD_38	SPARS	
0.00 mg/m	3.63	1.0-27		5581 508 6740	5 D B 1 R O			<b>.</b>	ACTION FROM PROPERTY.	SPARK	TRBANCE
N/A-PTAL2 N/A-PTA20	8.4.3 8.0-19 8.4.10 8.0-19	8.0-13		; ;							
N/A-PTHOIU N/A-PTHOIS	7.1.1.13 7.0-10	7.0-10									
M/A-PIU025	7.1.1.14 7.0-11	7.0-11									
M/A-PTHO 1	7.2.1.12 7.6-27	7.0-17									
N/A-PTR0 10	7. 1. 1. 1.	7.0-34		/· 5 · 1 · 1 · 1 · 34							
M/A-FTH025	7.2.1.11 7.0-28	7.0-28		7.3.1.13 7.0-35							
M/A-FIROZO W/A-PTH13	7.2.1.7	7.0-20		01 - D - 7 - 12							
M/A-PTHIU	7.2.1.3										
N/A-PT112U	7.2.1.10 7.0-24	7.0-24									
W/A-PTIMEQ	2. 32		-		•	:					
C PURFOU	2.1.4.7	-	TI 11	1.2.1.3 1.0-21 1. I TPUR	1.1.1.9 7.0-12	26 - 0.	_		TEUR HAN BURG C TIME	9.58.A.P	TRIBER
M/A-PVPADJ	1.7	, 0-e	;		:						
M/A-Pab.	: : : :	2.0-21	11	MICA MINCH	K C L	2 1 KG 5	· ·	_	SCROP IN MARK PARK TRANS		
M/A-P2520	4	8.0-18									
N/A-812		1.0-40	DSITEG	TASTO TIAGTO WINIT WICOS NESTACK	VIALT VI	CDE MESTA.		1.	ROSM, OTSP_WO_PABAM	45.10	
W/A-6A13k2	4. در . ا در در . ا	1.0-21									
N/A-HADEO	5.132	1.0-0.	· ;;				-	_	人名英格兰 医克里氏 医克里氏 医克里氏 医二甲基甲二甲基甲二甲基甲甲基甲甲基甲甲基甲甲基甲甲基甲甲基甲甲基甲甲基甲甲基甲甲	31 . A	
M/A-KALTVŲ	6.7.7	2.0-6	:							•	
C RATLENIZ	27.5	2.0-13	ASI 180	RATELL BATAL ENDRAT THAT SATES SATAST BEGINS	ENDRAT 1	THAT BATIT	SATABL	į.	CONSOR TERRESTATION CONTROL	SPARS	TISEN 308
N/A-RAYEO	1.15	2.0-4	051180	80830		5082	•		COORD A RANGE PAIL AND CENTER	# 50 C #	
N/A-Edijej		1.0-11							;		
3/4-48EAT		707	046174	£ 11.5 <b>±</b> × 2			**			100	3 3 3 1 1
M/A-RURRA		2.0-4.0		4 DB # D			•		1001 SECFIYER ADAPTS	4 4 4 1 1 1 1 1	B ( )   B ( )   C   T
C RUNSIA		3.0-31	T : 1 TEQ	FRMSHI					ACSOLUTION BEST NOT TAND PUR	FEACK	113E*SU4
7 * 1 9 8 - 1 / 1										<u>.</u> 	

Pile: Deb	SPY2751S	Q		VM/SP CONVERSATIONAL NONITOR SYSTEM		PAGE 00015		
C RBULIQ N/A-RC1 JKQ K/A-RD1 JAQ	3.108 3.55.4 3.55.5	3.0-34 3.0-20 3.0-20a	TSITEQ	RBSHRT	Į	SZUSOR_TTPE.BB_SLIDE_BINDO_LENGTH TRACK TTSENSOR	GTH TRACK	TTSEMSOR
N/A-405P W/A-805P W/A-205P		3.5.2-1 3.5.2-1 3.5.2-1	SYSEQO SYSEQO SYSEQO	ല് വ	चल-	Bat_DISP	20 4 9 2 3 3 4 9 2 3 4 9 3 5 4 9 5 9 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
M/A-805P M/A-805P M/A-805P		3.5.2-1	SYSEQO	R RCOMB RDBHD BDOP P SDB1 SLINK SYSEQ1	ı		SPARE	
M/A-REC	5.2.3	5.0-8	SYSEQU	TRAD	-		SPARM	
M/A-RECRT	2.105	2.0-38						
N/A-RENAB	5.2.2	5.0-7	Dal ten		·Ħ	RELSOST		TKBISC
M/A-REONTO	2.177	2.0-42	TI	RCOMB	٠,-	BDBM EXPECTED SOM TIMEOUT	010	
N/A-BERROT?	2. 178 2. 178	7.0-4	I I	MOPE BCOMB	-H -	TIME 20 REPOSITION mil secs	KBD	tktrkprm
C 8732 N/A-RFCFO	2, 123	2.0-25	TI	COMA COMB PSRAP TSUBO TSUBI	epc	RAD_FAL_BEACON_CODE_ALLOC	DISP	TKRISC
N/A-RGAZT	2.165	2.0-37		t Ou B	epc	RAD_PAL_COUNTDOWN_CODE	SPABR	) 
N/A-BCD130	3.110	J. 0-34	TSITED	RNGBIN	TA	BANGE BIN AREA	20102	
N/A-RIBERO	2.179	2.0-42	TI TI	8008	<b>u</b> .	AUT_INT_RNG_CHECK	TRACK	
M/A-RINES	2.141	2.0-43	11	RDBAD	a	DETA TIME BIRN INIT BUFFERS	TRACK	
*/A-8513kQ */A-8513kQ	3.55.7	1.0-21			•	abbit tarot_borr_tacin	D1 SP	
M/A-BNGHP	2.39	2.0-7						
ROHTAG	1.101		TSITEO	BOHSHT	Ţ	SENSOR TYPE, RDB NO HIT IMIT	TO A OF	00084044
7.7008	2.100	2.0-3b	151150	#05567 TSUBO TSUB1		SENSOR TYPE, RDB NO MISS PUR	TRACK	TISENSOR
M/A-ROBP/ACRP		3.5.2-2	SYSEQO		<b>-</b> -	RIBA_SCANS_COR_SET ROB_ONLY_ROT_PROCPSS	TRACK	TKTBKPBR
A/A-RORP/RCRP		3.5.2-2	SYSELO	180		RDR_ONLY_RPT_PROCESS	SPARE	
I/A-RORP/RCHP		1.5.2-2	SISEO	TRYD	-4 ·=	BUR_ONLY_RPT_PROCESS	SPARS	
ROTIO		3.0-28	TSITEQ	ENDROT ROTAT	J.F.	SENSOR TYPE, SIZE ROT	SPERM	
ROTS to	1.93	3. 0- 12	TSIFEQ	ROTSPDIQ		SENSON_TYPE. BUT_SPRED	TRACK	TTSENSOR
ROWLLD	3.106	1. 0-34	TSITEO	ROSHET	Į.	SENSOR_TYPE.RDB_O_CLUTTER_MAX	TRACK	TTSENSOR
//A-RbH 2		2.0-29	1.1		<b>.</b>	SENSON TIPE. RDE SLIDE WINDO.	TRACK	TISENSOR
	2.126		11		ı <b>-</b>	HTEK_BSAA	TBACK	
ZA-KSHAQ .			11			MTRK_BSAL	TBACK	
/A-858LQ			11		1 -4	MARK BOXC	TRACK	
/A-ESURECO	2- 173	2.0-41	77.120	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	٦.	HO WORDS STAGGER	SPARH	
/A-BSWERA	2.172		11	KDBNO		ROBN CRA STAT WORD TBL LNGTH	DISP	
/A-8TCQ			11	ALTRKA ALTRKR! AUT BRATS CALERT		TIME REALTIME CLOCK ANDR	2010	
/A-8102		Z-0-18	11	CALTRE CATU CDR COMA COMB		1	SPABA	
/A-RTCQ	2.101	2.0-18	T.I	_			SPARM	
/A-ETC.	2.101	2.0-18	11	PDOP			SPARS	
/A-R103	2.101	2.0-18 7		CLOOK RCONR HDOP DKIP HTGCC			SPARS	
/A-BTCJ	2. 101	2.0-13		TSUB! FUDCA			SPARM	
/A-6f300T0 /A-8TNI	2,142	2.0-43	11.	RIOP	. <b></b> .	RDBM_INIT_TIMEOUT_SECS	DISP	
			:	<b>1</b>	-	NO_BDBM_INPUT_TIMEOUT_VALUE	DISP	

	TKHISC	TRRESC TRYBR P83 TRYBR P88	TTSENSOR	U 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TENDOT
	25 E E E E E E E E E E E E E E E E E E E		IFE SPARK CRIT KBD PSRAP TESRAP		20 20 20 20 20 20 20 20 20 20 20 20 20 2
PAGE 00016	PROBLE NORA NORG NORG I HEM_BDOUT_BURF_BG_WORD REEB NICA MIGGT SDU2  OCHTOUR NEAR PROBLE HSWDAD FRECET TA DISP_STS_DATA_PRANAY 1.0-27 NOTSK DTP  TI SS_DISP_DRAD_TINK_1  NDTSK DTP  TI SS_DISP_DRAD_TINK_2  NOTSK DTP  TO SS_DISP_DRAD_TINK_2  NOTSK NORG NORC RESEAP TIST TSUBO TSUBI T ebc SUS_AIR BRACOM_GODE  COMB	MO_SATELLITE CTS_PERCENT_CNTS_TRA_CAPACITY ATRK_SEC_AZI_BIS_RULT	DEON INTESPECT SENSE TIPESSASSION THAE SPARM CRIT.LAGIN.SELET.ONE TABLE CRIT. REM SELCT.ONE TAPP SOBOS SEAP.OGFOUT SECTEMBE. ON BD PSRAP.SECTEMBE. ON BLIN.MITESRAP SHAP.OGFOUT STR. WITH. SPIRM THRE. FIRM.SFIRM.	SRAP_SECTR_ABA_RRROE_TRRESHED PSEAP BIAN PERPENSAL DEPRENTATION OF PORAF BIAN PERSON OF PORAF, TYPER PERSON BEAN TO FALL NOW WOODS BEAN TO FALL NOW WOODS BEAN TO FALL NOW WOODS BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN THE MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN THE MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN THE MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STWOM MESSON OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET OF THE PSEAP BEAN A STREET O	ATBVA TO CONTRACTOR
	H TA Ti Ti Ebc	्व मृज्यं च	변 전 명 보다 보고 [편답보다 교교 제		
TOR SYSTER	KOPC PKHCIT TSUBO TSUBO				
N N TRA	KOPU SDUZ HSWDAU DTP AP TINI	#19607	SDSTRO		
MM/SP COMPRESATIONAL M.MITOR SYSTEM	IFO KIP KOPA KOPU KOPC PPEB NTCA MTGCT SDUZ BOONT-OFFACT SOART NSWAM FRECET 3.0-27 NDTSK DTP NDTSK DTP KOFA KOPE KUPC PSRAP TINI TSURO COMB	MSAWD BSAWD HTCA TPI MIP TYD TYD TSUBO TSUBI SBANT SBRAT SBRA SBRA SBRA SBRA SBRA SBRA SBRA SBRA	SCE MICA MIGCI SDB1 CRIT CRITO MPUB SDB2 PSRAP SHIC	PSGAP SCB1 PSGAP SCB1 PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP PSGAP	KOFU GUSZ SKROPY
	11 11 0 Site 3.59 11 11	HASITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITED ASSITE	DSITRO MSITRO TI TI TI		451769 T1
c	2.0-21 3.0-4 3.0-8 3.0-27 2.0-25 2.0-25 3.0-24	22222222222222222222222222222222222222	3.0-1 3.0-4 3.0-29 2.0-21 2.0-31 2.0-31 2.0-26		1.0-27 2.0-13 2.0-15
SPR27515 D	2.114 3.24 3.24 3.24 3.24 2.123 2.123 3.565 3.565 3.565	2.5.42 2.5.42 2.5.42 2.5.42 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.5.43 2.	3.40 3.79 2.120 2.130 2.134 2.126		5.92 2.165 2.68
PILES DED	# / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S = 0 J   W / A - S =	SATIC C SATIC C SALLI A SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI SALLI	N.A-SCD.)  C SCANIO N.A-SCTLGTO N.A-SCTLGTO N.A-SCTLGTO N.A-SFIELO N.A-SFIELO N.A-STILLO	CASINGS STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STAT	C SERVE M/R-SEIGE C SMOUT M/A-SAROPP2

		TRBCMSEL		TKTRKPRH																						TRKETBD	TKRISC	,		
		DISP	TRACK	TRACK													9210	9210		HSAN	DBM				191		MATOS	KBD	SPABB	Į.
PAGE 00017		NO_SCRATCE_PAD_INDICATOR	HTRK_BATE_TURN_SPEED	MTRK_SEC_RNG_BIW_MULT	SRAPNT												DBM_SS_A_WORD_PROC	DEDS SS WORD DISP TIME		PRF_ASB7_STAGGER	STORE STORE	!			IPY_COORD_SENSOR	KTB_TYPE_SUPKQ	SUPERVISORI KMABIK	SENSOR_DEP_POR_SWAB	CURRENT SYSTEM LEVEL	INIT_SELUT. LEEALUM
SYSTEM		tí.	ü	u	SIPD SI PTIO													ालाज		· <b>.</b>	4				*				- 1	
VM/SP CONVERSATIONAL MONITOR SYSTEM	SMPROP SMPNT SMPNT SMPNT SMPTO SMPTO	JANJA P TEXEC	SRAOT	TSUBO TSUB1	SIPBAC SRAPNT SIPSBIN SIPRIC SIPICIN SIPE	SEAPET SEAFEL SEAFEL SEAPET		۵.	SRPKY SBRDAA	якое	A 30 C 8 8	SBRDT	SER RE	SARSOT	SETTIND				DSLIMT			STTAZN		STITES	IPI	COCNT		DSCPRT	000	-
		TEQ	71 71 S	TI T	ITI S S		TI S		ITEQ	TI S		32					11	11	ITEU		11		5 P		I T E Q			17.53		Notice Telepoor
a	2.00-14 2.00-14 2.00-15 2.00-14 2.00-14	3.0-18 7.0-20	2.0-3 2.0-3 2.0-11	2.0-3 8.0-12	2.0-40	2.0-40	2.0-40	2.0-40	3.0-28	2.0-11	2.0-12	2.0-11	2.0-12	2.0-11	2.0-12	5-0-3	2.0-23	2.0-19	1.0-37	3.0-20	1.9-37	2.0-10	2.0-16	2.0-15	3.0-3	5-0-1	1.0-23			7.0-46
SPR2751S	2.80 2.79 2.78 2.82 2.82 2.90	3.54.17	2.10	2.11	2. lou 2. 166	2. 166 2. 166	2.166 2.10b	2.166	3.77.1 2.56	2.53	2.57	2.61	2.63	79-7	2.53	5.1.3	2.112	5.109	1.119	3.53	3.119	2.43	2.41	7.85	3.12	3.22	7.77.5	1.142	7.1	7.6.3
Fite: D2D	M/A-SMPRB32 W/A-SMPRDP2 M/A-SMPRTQ M/A-SMPSPQ N/A-SMPTD2 W/A-SMPTD2	SPDIQ C SPDIQ M/A-SPDN	N/A-SPEEDQ N/A-SRAGTQ N/A-SRAGTQ	SEGO M/A-SRBAXQ	N/A-SkPA N/A-SRPD N/A-SPD	N/A-55PD N/A-55PD	N/A-SRPE	N/A-58PII	N/A-SEPKYQ M/A-SRKDAAQ	N/A-SERDED	N/A-SREDRAU	N/A-SHRDTQ	N/A-SERRP2	N/A-SABSDTQ	N/A-SRTTND	N/A-SEUSE	M/A-SSA+Q M/A-SSA+Q	N/A-SSB2	N/N-SSSNO	M/A-STAGO	N/A-STREE	N/A-SITALL?	M/A-STINALL	N/4-STIRULD	8/4-5UB2		C SUPARTO	N/A-SWABIL	N/A-SYSLVQ	N/A-TIEPO

FILE: 020	SP27515	0		VAZSE CONVERSATIONAL MOMITON SYSTEM	ATIONAL	HOLINOR	STSTER		PAGE 00018		
W/A-TAFNO	3.67	3.0-27		BSITEQ				1.	BO_TBACK_FILE_CTS	TRACK	
A/4-1XQ			11	SITE				-	DEDS TAB S WORD DISP TINE	DISP	TKHISC
N/A-TABIT	2. 165	2.0-40	:						# # # # # #		
N/A-TAB2T	2.105	2.0-40									
W/A-TAB3T	2.165	2.0-40									
TABA1	4.4	3.0-30	DSITE	AGERCT TRACK				: <b>4</b>	DISPLAY COMPIG TYPE, TADAGDO	DISP	TTDISP
M/A-TADRUSIO	3.40	3.0-30	_	AQLENGT				Ţ	THACK ADAPTED RANGE	SPABB	
W/A-TALSECT	2,128	2.0-30	11					· <b>-</b>	TRK_JUBPGM_ALT_TRK	TBACK	
M/A-TANCAQ	2.18	2.0-7					100	į		0	
M/A-TAPiQ	7.7	3.0-32	SITED	CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CA		0164	7010		TOTAL BO ATTENDED	2	
045-47X		2.0-17	1.6		IFO		KIPA		; ; ;		
N/A-TA0		2.0-17	11	KOFA KUPB &	ROPC	SSAN	MSAPO				
X/A-TA2		2.0-17	1.1	ž	SYNAG	RSITES	STP				
4/1-TA2		2.0-17	T.I	PDOP RDBSD S	SDBZ	TRAD					
N/4-TAS2	83°F	3.0-27							## C COC	• 1 0 0	
N/A-TASTLGFH	3.79	3.0-29	ASITEO		CRITO	4 6 5 3	0.00	~ ·	CALL LAGIN SIGNATURE FEE DAIN		
715VI-176	~	2 0-3	7.1	X NEW CORN	1414	4	4.77.0		TEACKBALL BIR SIZE		TKtrkpfm
DC001 1	. 103	2-0-2	1.1						東 インが異似 美国行政 のあまで のず		•
0 F 1 D 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1	7	0.0		CRIT COR.					SORON ON OR MEN AND NO WORLD	KBD	
N/1-15:		2.0-17			KOFF	8083	SASA		71 CODE B		
N/A-TB)		71-0-7	11	्र स स	073438	151 150	PDOP		•		
K/A-TB3		11-0-7	1.2	5031 5037							
M/A-TCARe			11						TI_UDE_CARET		
#/4-TUASECU								·#	SCTH_TRK_CA	TRACK	1
c Teres	1.54.7	1.0-17	-	1PT KULA KOPC TSUBO TSUB)	TSUBO T	13051		-	THE LAKE TRY PRINTER	TRACK	TRANSPORTS
c Icecto	3.54.20			TPRED				н.	TOT LEST AND THE CATENT	SPARS	CHARLE I
c 10102	0.10	1.0-24	301TE2	CELT CRITD IDAT IFL IFO	17 17 I				MAX TRACK_FILES_S. C. 187	TRACE	TABLE
M/A-TCN-								<b>-</b>	DIESTICS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CREADILENA			- 1			1			TECOS CONTENTS OF THE	100	
17-1-1C		2.0-17	11	_	COMA	מ מ מ מ	200	-4	1.1 - C.100 - L.1		
N/A-TCO		21-0-7	- F	THE RAIL MANAGEMENT AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PR	ACE A						
3/8-TC)		1 - 6 - 7	- i	CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CA	10 M 10 00 00 00 00 00 00 00 00 00 00 00 00		A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
			7.	121 0:00:0 100:0				-	THE SEC GREAT ROD IN		
*/*-108.			. F	KOPA KOPS KOPC			1780				
N/A-TUAD				POUP SESSID RKIP	16 5081		2005				
M/A-TCHO			1.1	TPRED IRAD						i c	
C TChiECQ	7.128	7.0-29	1.1	TCBS					TOTAL TREE TREET	N N N N	I B T B B B B B B
N/A-TOAR			i					٠.		10 10 Y	
SCROL-VX		•	 (					<b>-</b> .	11 7 25 DIAMONE		
CQ1-Y/N		7.0-7	-4 F	COR CDXD COMA	2 × 2 × 2		0.43	-	11 C Ma_2		
		71-0-7	1 L	・ 10年の第一年の第一年の第一年の第一年の第一年の第一年の第一年の第一年の第一年の第一	1000000		0.000				
		71-0-7	1.1	PERMIT SORT SORT	,		2				
C TEBA		•	Calle					٠	TES ABR A. BPORT 2	IFY	TRAPTIO
C TEBD		MSITE						-	TREAT AIRPORT.	1 4 1	TRAPTID
M/A-TEUTO	2.129	2.0-17							( THE LOBELTQ)		
<b>ダノオーTEDご</b> ご		1-5.2	1 575E23	SYSEQ1 SYSSQ2		TEDCKS F	Thora			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V0070445
c Teaseca	2.129	2-0-2	11	TEDC					PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TH	TRECK	Figure 1 State 1
N/B-TEDFOL		91 -0 - 7		, 					807 - 1	SPABM	
******											

						TTTIRED	TTSEMSOR TTSEMSOR TKTRKPEN				
		TBACK		TRACK TRACK TRACK	SPABR	TRACK	TRACK TRACK TRACK		記 20 考 3 5 7		TRACK SPARR SPARR SPARR SPARR SPARR
	PAGE 00019	TI CDE EQUAL SIGN CURRENT NO TEACK FILE CTS TRACK FILE RUNITOT NO TI CODE F	TI_CDE_CARRIG_RTRN TI_CODE_G	WTRK_TGSA NTRK_TGSI TT_CDE_WEAD_POINTER_NACBO TT_CODE_BEAGGN	CTS_BRES_SIZES_WORD_36	SHIFT INDEX FOR MO TRACK	SENSOR_TYPE.LINT_LOW_TABGET SENSOR_TYPE.LINT_UP_TARGET SCTM_TEK_TEMIT_TROUGT	TI_CODE_J TI_CGOE_K	TI_COP_LEPT_ABBOW TRA_FULL DP TI_CODE_L	TI_CODE_HINUS TI_CODE_H	SCTR_TRK_MSAW HIRK_TBK_NUN_HASK S
81		4 E E		लाल जाम		<b>→</b> ←	7 t i i i i i i i i i i i i i i i i i i	٠, ٦	जन्म च	ort ort	श का जान
WITOR STST	KOPA BSA#3Q SDB?	IPO MSAWBQ SDB	#5x¥20	KOPA Pugp	PAUS		KIP BSAND Kory	KOFB	TTVB KIP KSAG23 SDB1	KOFA RSAUD RKIP	COMA KOPC SKABS TPSEC TSUR (
SATIONAL NO.	KIPN Q MSAHZQ POOP ROBMD	1 P I KOPC BK I P	ASANQ ISITEQ BDBM	KIP SITED	KOPA TUBCA		IPO KOPC ITEÙ BDEED	SDB2 KUPA BMD SDB2	SYSBQ2 IPO MSAWQ TEQ BOBHD		CDN KOFB SLIUK TPFED TSUBO
VA/SP CONFERSATIONAL MONITOR SISTEM	COMA DOP LFI KOPB KOPC MSAWO MSAWAQ MSAWWQ MSITEQ POOP ROBND	TRKXT SDB1kG SDB1BO CORD COMA COMB KIP KOPA KOPB SDB2	KOPA KOPU KOPC ASANQ MSANJQ ASANQU MSITEQ BDBMD	COMA IPI IPD KOFB KOPC MSAW3 RDBMD SD82	CALTO CDR CONS TCASO THAD TUD	Tibk	TINK TINK TINKT CORD CONS IPO KIPH KOPA KOF3 KOPC NSAMSU MSAMSQ MSITEQ BOBED	COME MSIRE POOP 5082 COMO IPO KIP KUPA MSAMIQ MSITEQ ROBNO SDB2	NSITE, SYSEQ2 COMM COMB DOP IPO KOMM KOPE KOPC HSAWQ MSAMJU MSAWQ MSITEQ WDBHD SDB2 TRAD	CDED COMA IFO KIP KOPB KOPC NSANO BSAW20 NSAWQ MSITEQ PDOP BOUMD KSAW	BATS CATU 1FI KOFA 2LOON SCTME TEDCES TINIT THAD TEDUT
	111	ASTTEQ MSITEQ TI TI TI		71 71 71	TI TI MSITEQ	TSITED	ta.,		SYSEQO TI TI	U ≃ ±t sη ±t	(∢ប≣ដដ្ឋ
	2.0-17 2.0-17 2.0-17 2.0-17	<b>~</b> ~ ~ .	-					7 717	· ·		11.
7	2.0	2.00.7	2.0-17	2.0-17 2.9-17 2.9-17	2.0-38	2.0-37 3.0-18	4.4.4.5.5	2.0-17	3.5.2-1 2.0-17 2.0-17 2.0-17 2.0-17 8.0-24	2.0-17 2.0-17 2.0-17 2.0-17 2.0-17	2.0-20 2.0-25 2.0-26 2.0-26 2.0-26 2.0-26
		3.69	2.126		2.165 3.86	2.165 3.54.22 3.54.23			4.5.8		2. 126 2. 126 2. 126 2. 126 2. 126 2. 126
	#/A-TED #/A-TED #/A-TED #/A-TED	N/A-TF12 N/A-TF22 N/A-TF2 N/A-TF2 N/A-TF2 N/A-TC32	N/4-TG2 N/5-TGSAQ N/1-TGSLQ	N/A-THD N/A-THEXQ N/A-THE N/A-THE N/A-THE	N/A-THREDX N/A-THRET N/A-TIFFQ C TIMED	aratiser c Timero c Timero	TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TINIO TI	M/A-TKQ W/A-TKQ W/A-TLAU	N/A-112 N/A-112 N/A-112 N/A-110 N/A-110 N/A-110 N/A-110 N/A-110 N/A-110	M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A-1700 M/A	VA-THESTO VA-THESTO VA-THESTO VA-THESTO VA-THESTO

P11E: 020	SP#27515 D	۵		VM/SP CONVERSATIONAL MONITOR SYSTEM	DEAL NONI	TOR SYSTEM		PAGE 00020		
M/A-TMMS2Q W/A-TMMS2Q W/A-TMMS2Q W/A-TMMS2Q W/A-TMMS2Q	2. 126 2. 126 2. 126 2. 126 2. 126 2. 126	2.0-26 2.0-26 2.0-26 2.0-26 2.0-26	44444	AUT BRATS COMA IPO KOPA KOPB ATGCT POOP SCENE SHOTH TOOP TIMIT TPUR TSURO TUD	CBIT ROPC SD92 TPRED	IPI MTGA SLINK TPSEC	-	STRK_FIELD_NASK	ないないないないないないないないないないないないないないないないないないない	
	2, 165	2.0-17 2.0-17 2.0-17 2.0-18	* * * * * * * * * * * * * * * * * * *	CATU CDRU COHA COHB IFI KIPH KOPA KOPB KOPC HSAWD HSAWQ NSAW3Q NSAW42 MSITEQ PDOP RDBMU SD32	COMB KOPC B42 ASITE	IFI PSABQ PDOP	. <b>न</b>	11_C0DE_H		
# / = 100	7.6.6	2.0-17 2.0-17 2.0-17 7.0-47	44 44 44 44	CONA CONB LPO KOPA KOPB KOPC SDB1 SDB2 COR CONA CONB IPO KIP KIPM	KIP MSAN3Q DOP KOFA	NIPH HSAU4Q IFI KOPB		TI_COE_PAD		
M/A-TPADQ M/A-TPADQ C TPDSECQ M/A-TPERQ M/A-TPERQ M/A-TPERQ M/A-TPERQ	2.128	2.0-29		KOPC MAT REBR PODE ECOME ROBBO SDB1 SDB2 TRRED BRATS ATGA IPU KIP KOPC MS11EQ BKIP COMA COSS IPU	MSITEQ RUOP THAU TPRED KOPA SUB2 KUPB	ж ж ж ж о ж о в по о в о ж о в о ж	जिल तिल	SCTR_TRK_PREDICTION TI_CRE_PERIOD TI_COE_PLUS TI_COE_PLUS	TBACK	#: 04 04 04 04 04 04
	2.128 2.128 3.3	2.0-13	TI TI MSITEQ	KOPB KOPC BSANJO HOHMO TPUA TPSEC CTS SDB1 SDB1RO SGB2 TTVD SDB2	RDBAD SSB2 TIYD			SCTH TRK FROC UP HEP SCTH TRK FROC CORN TOT TRKCE SLOTS TITAL TRKCE NUMBER MAX NOWAKE TRKCK NYRKE NAX TI CORE TI CORE	TRECK SPECK SPECK TRECK TRECK	TKTEKPEH TKTERPEH TKTERPEE
N/A-TRIACO N/A-TRIACO N/A-TRACO N/A-TRA	3. 133	2.0-17	TI TI TI TI TI	KOPC RUBNO CUNA CON 2PI KOPA ATRANC CUNA CONS CONS DOF TEO KIP KIPN KOPA KOPC KANA 12 MANAU MSITKU	KOPA DOP KOPA HSTRL	KOFE 1F1 FOFB		TI_COR_TRIANGLY TI_CORE_R		
A A + TR 2 C TR 5 LC 2 C TR 5 E C 2 C TR 5 E C 2 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR 5 E C 4 C TR	3, 38 2, 128 2, 128 2, 128	2.0-2 2.0-2 2.0-2 2.0-2 2.0-2 2.0-2	ASTINGUES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE STATES OF THE	ROUND SUB! SUB!S TROUT SET SUB!BO TROUT TROUT	5 d d 5			GENELA TIPE, NO. REPORT PANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SCHRITER, DISPANSA SC	SPARA TRACK TRACK TRACK TRACK	TTSENSOR TKTEKPRU TKTEKPRU TKTEKPEN
M/A-1853552 M/A-1853522 C	2007	3.0-24	TSITED TI	TPSEC SNOTS PSRAP ROPE PDOP SCB1 COMA PDOP TRAD				HINT SOLD FIRE SOLD HAS SOLD FAR SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOLD FIRE SOL	MARKAN H	TTSEMSOR TATERPEY

PILE: DED	SPF27515	0		VM/SP CONVERSATIONAL MONITOR SYSTEM	NAL BONI	FOR SYSTEM		PAGE 00021		
#/4-TSEPQ #/4-TSPCQ #/4-TSPCQ #/4-TSPCQ #/4-TSPCQ #/4-TSPCQ				CATU CONA CONB IFO KIP KIPH KOPC NAT MPEB RDBHD RKIP SCIME TPRED TRAD	DOP KOPA MTP SDB1	IFI KOPB PDOP SD82	-drd	TI_CDE_SPACE		
7138F-4786 38F-47876 28F-47876 28F-47878		2.0-17		COMA COMB IPO KIP KOPA KOPB KOPC HSAMQ MSAWAQ MSITEQ POUP SORI SOR?	KIP NSAWQ EQ PDUP	KIPM MSAM2Q RDBMD	ज ज	TI_CODE_S TI_CODE_S		
M/A-TSQQ M/A-TSTK FQ	3.11.2	1.0-29	TI #SITEQ	PDOP	SDB1		Ţ	TI_CDE_SQUARE		
M/A-TSMSEC2 C TT42 M/A-TICAP2	2. 128 3. 39 3. 87	3.0-11	TI DSITEQ TSITEQ	ALFLT Cona			- <b>1</b> -	SCT_TRK_SWABS DISPLAY_COMPIG_TYPE.TTDQ NO_TRK_LEPT_BEFORE_PURG	TRACK DISP TRACK	TTDISP
2/8-11-630 2/8-17-67 2/8-17-67		3.5.2-2	SYSEQU	KOPB KOPC PDOP SYSEQI SYSEQ2 TTYD	PSRAP	5081	.a. a.a	HIBK_TTCM TEST_TARGET_DISP	TRACK SPARK SPARK	
C TTISEC, N/A-TTO N/A-TTO N/A-TTO N/A-TTO	2. 128	2.0-29 2.0-17 2.0-17 2.0-17		TIMIT COMB DOP COMB COMB DOP IFO KIP KIPM KOPA MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSANNO MSAN	DOP KOPA W MSITEQ	IFI KOPB PDOP	ਜ਼-ਜ਼	SCTE_TRK_INITIAL TI_CODE_T	THACK	TATBKPRE
N/A-FUBRO N/A-FUBRO N/A-TUBRO			111		200		-mmm	TI_CDE_UP_ARROW TRI_TI_CDE_UNDRBAR BOX_TI_CDE_UNDRBAR		
*/*/TUCR	± , , , , , , , , , , , , , , , , , , ,	2.0-17 2.0-17 8.0-34	111	TRAD IFI KIPH KOFA HSITEZ KOBNO SDB2	KOPB	KUPC		TI_COB_UPERD_CRG_RT# TI_CODE_U		
M/A-TVIRGO	;		11	3.2	KOFA	Kurb		TI_CDE_VIRGULE		
8/8-170 8/8-170 8/8-170 8/8-170	7.0.7	2.0-17		COMA COMB INI KOYB NSANZ NSANZO NSANJO NSANAU NSITEO SOBI SDB2	KOPB 44 MSITE(	85882 5001	<b>-</b>	TI_CODE_F		
2/4-1402 2/4-1402 2/4-1402 2/4-1402		2.3-17	1111	KOFA KOPB KOPC HPEB HTGCT SD42 IPI KOPA MSA42 HSAW2Q HANNAG MSTPEB SDE2	RPBB BSAN2Q	atea asakbo	а <b>а</b>	AEM_TBRDOUT_BUPP_WORDS TI_CODE_W	K8D K8D	
C TKIJO	<u>:</u>	2.3-17	HSITE TI	TRAKE TRNIT SDBIBG	to SD32	5462	<b>4</b> .4	SENSOR_DIPP.DELTA_X TI_CODE_X	SPARS	TISENSOR
Trensing Trensing	23.7	1.0-15	4517EC 4517EC	TRATIP TRNIT SDB180 CD32 TTF SDB2 TTF SDB2 TTF SDB2 TTF SDB2 TTF SDB2	140 ° 042		71 71	SENSOR DIFF DELTA_Y FORCE_TYPE_DISP SENSOR_TYPE_RANGE_TTPE_DISP	SPARM	TTSENSOR TRAISC TTSENSOB
// - T	1.54.14	3.0-13 8.0-12	11 851789	IPU KIP KOPA	#SAR2	85AR20	<b>-</b> -	TI_CODE_Y NO_SCANS_DISP_AIRCBAPT_TYPE	SPARS	TTMISC
M/A-T23 W/A-T20 M/A-T0943	1.1.1	2.0-17	11	CATU CONA IPI KOPC NSAW MSITEQ	KOPA SDB2	KOFB		TI_CODE_Z		
1/4-T00 1/4-T00	;	2.0-17	11	KOPA KOPB KOPC MSAW MSAWQ MSITBU SDR2	MSAH HQ MSITB	8584Q	-	T1_C0DE_0		

			SP TTOISP	in the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	C.	555	, K	; ;; ;;	5 <del>5</del> 5	TTDESP	£	_	: ¥ ¥		TTDISP	4		ū						TRIBRDER
			DISP TRACK SPARR	SPARM			TRACK			DISP	SPASM	75167		TRACK		•		TBACK	TRACK	TRACK	SPABA	TRACK	TRACK	177
	PAGE 00022		DISPLAT CONFIG TIPE. TADAGED NO. TRALETE CTS. 1 TRALET BROP	CTS_1_CURBENT_NO_TRACE_FILE	CTS_10_CURRENT_NO_TEACK_FILE	CTC_13_CURRENT_NO_TRACK_FILE	CTS_14_CUBBERT_BO_TBACK_FILE CTS_15_CUBBERT_NO_TBACK_FILE	CTS_ 16_CUSHENT_NO_TEACK_FILE CTS_ 17_CUSHENT_HO_TEACK_FILE	CTS 19 CUBBENT HO TRACK FILE	CIS 2 CURRENT FER. TADADO CIS 2 CURRENT BO TRACK FILE	TI_CODE_2	CTS_20_CUBBENT_NO_TRACK FILE	CTS_22_CURRENT_NO_TRACK_FILE	CTS_23_CURRENT_NO_TRACK_FILE CTS_24_CORRENT_NO_TRACK_FILE DISDLAY_COMPTG_TTOP_TRACK_	CTS_3_CURBENT_NO TRACK FILE		TI_CODE_3	CTS_4_CURRENT_NO_TRACK_FILE TI_CODE_4	CTS_S_CURRENT_NO_TRACK_FILE	CTS_6_CURREST_NO_TBACK_FILE	CTS_1_CUBREBI_NO_TRACK_FILE T1_CODE_7	CTS B_CURBBNT_NO_TRACK_FILE	CTS 9_CURBENT_HO_TBACK_FILE TI_CODE_9	ARTCC_UPB_TIME_DIF_DEP_ARIV_TRKIFY
•	20	ī	- -	•	~ -	<b>4</b> ~ .	•	٠ ١	1	4 1 40 ~		٠.		4 4 T	<b>4</b> 5		<b>-</b>	<b>ac</b> 1	≪ -4	٠. ٢	ا ا حد ،سا	<b>~</b>	<b>≺</b> ⊶	<b>-</b>
	MITOR SISTE		508180	#SAW30						ieg 2 Ti	GENER BZ						MSITEQ	SPEACE	RSAN 12	Ast Obst.	#SA#20	#5178Q	95 A K 3 Q	
	7 4 5		PSEAP	85A #2Q SDB2						EQ1 SY:	MSAW20 Sorv						CHRUSH	D ( 24 A	#SA#22   SDB2	SE OF RE	5032	C###5	NSAWZU Thau	
ARCHARONAMOO ON THE		AQLEZT	KOPB ASITEQ ATGCT SYSEQ! SYSEQ2 TI	KOPB KOPC BSAND BSANZ NSA44Q NSITEQ PDOP SDB2			-		AQLB3T	TITO BOP HSITEV SYSEQ! SYSEQ? TI	KOPB KOPC MSANQ #SANAQ #SITEO POOP	•		QLRC4T			MSANQ ASANZO BSANJO ASANAD ASITAO PDOP SDB2	KOPB MSAMQ MSAM2Q MSAW3U BSITEQ PDOP SDR2	~	SOB2 MSALO BSAUZO MSAUJO MSALO MSIT	KOPA KOPB KOPC HSA42 RSA432 HSAH4Q RSITEO SDB2	MSAMU RSAMZQ MSAM32 MSAMU2 MSITES	KOPB KOPC BSANG - NSABZ RSARGQ RSTRG SBGZ THAU	COMA
		DSITED	SYSEJO SYSEJO	11 11	851 FEQ 851 FEQ 851 FEQ	ASITEQ ASITEQ	351780	SITEO	MSTTEQ DSL FEQ	512R20	11	MSITED	MSI TEQ	OSITED	MSITEQ		111	3	45. TEU	71150	3	Dar.	_	30
		3.0-30	3.5.2-1	2.0-17	. ~ -		E MC	G E	3.0-30	~		E E	E # 1			35					-			111
G 213		m.	4	2.0					3.0	3.5.2	2.0-17			3.0-30	6 7.0-38	0 7.0-39	2.0-17	2.0-17	2.0-17	7.0-17	2.0-11	2.0-17	2.0-17	3.0-16 1.0-16
SPR27515	_	3.81							3.61	8.2.11				3.81	7.3.1.16	7.3.1.18 7								3.54.2
FILE: DED		C TIADAQIQ K/A-TIPNQ	#/k-7128 #/k-7128 #/k-710	N/4-110 N/4-710 N/A-710PNG	N/A-T119NQ N/A-T128NQ N/A-T138NG	N/A-TISPRO	N/A-T16PNO N/A-T17PNO	つれよび コードノス	C TZABAŞIQ N/A-TZPID	N/A-T2L3	N/4-T20 N/4-F2U N/A-T20PED	N/A-T21FNO N/A-T22FNO	M/A-T23PHQ W/A-T24PNQ	C TJADAQIQ	N/A-TSEKAQ N/A-TSEKAQ N/A-TSEKAQ	M/A-T3PSE0	#/#-#30 #/#-#30 #/A-1#4F30	*/*-7450 */*-7450 */*-75920	N/A-T50 N/A-T50 N/A-T50	M/A-T7FNQ	M/A-T70 W/A-T73 W/A-T880	ツェース・エーマンド	W/A-T90 W/A-T94 W/A-UCAUVO	ULKO

77000 8911		A KYB_ABR_DZP_PRZW_LOC_PABRN KBD	ASCI CD ALPHA ADD			į E,				
		HRF TA	च्च च्च च	·# ·# ·#	-न -न	। जलक	। ज्याज्याच्या	ਅੰਘ ਕਰ	I-ন <b>ন</b> ন	11
;										
		PIXCVT								
		TSPBET								
		TABBT								
		SYRT								TAGI
		OSITEQ		1111	11	111	11 11	:::::		01 64 64 65 65 65 87
,	7.0-33	3.0-7	37		7.0-37					1.0-4 2.0-17 7.0-48 2.0-17
	7.3.1.10 7.0-33 7.1.1.11 7.0-8	2.94			2.165					1.17 2.10 7.0.5 2.105
	W/A-WEG W/A-MEGIL W/A-WEGILJ 1	W/A-IKO W/A-IKO	#/#-#ALSIQ #/#-#ASCIQ N/#-#ASTRQ N/#-#BLANG	W/A-KBQ W/A-KCOLNQ W/A-KCUNAQ N/A-KCUNAQ	M/A-XCORT M/A-XCQ M/A-XCQ	N/A-ABBCRU N/A-XEGURU N/A-XEGURU	N/A-XMINU N/A-XMQ N/A-XNOUQ	K/A-XCKEQ H/A-KPEGSE N/A-KE Z	M/A-X51Q M/A-XTQ M/A-XTQ	#/A-XYDIP12 #/A-XYDOT #/A-YACK12 #/A-YCOMT

US GOVERNMENT PROSTING OFFICE A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE

## END

## DATE ELMED 4 6